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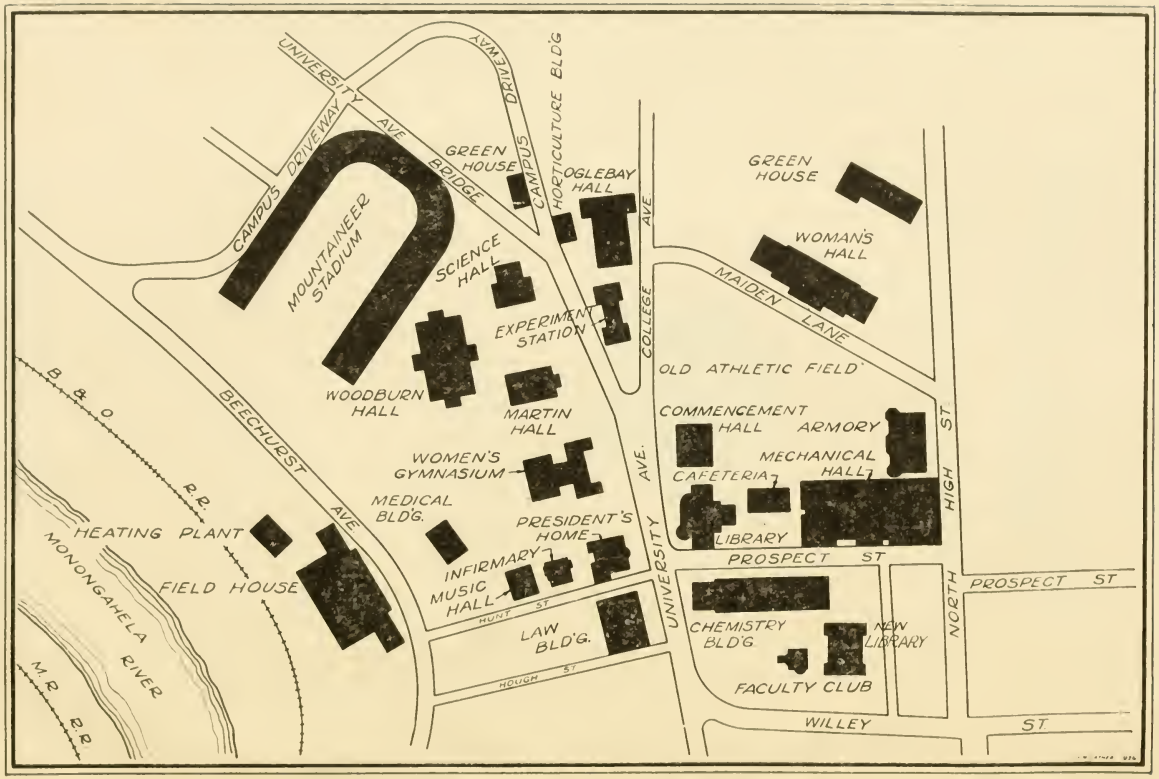
WEST VIRGINIA UNIVERSITY

CATALOGUE NUMBER
1929-1930 Sessions

ANNOUNCEMENTS
1930-1931 Sessions

June Fifteen, Nineteen Hundred Thirty
MORGANTOWN, WEST VIRGINIA
Published by the University


UNIVERSITY AVE
DRIVEWAY
CAMPUS DRIVEWAY
BRIDGE
CAMPUS
HORTICULTURE BLD'G
GREEN HOUSE
OGLEBAY HALL
MOUNTAINEER STADIUM
SCIENCE HALL
EXPERIMENT STATION
WOODBURN HALL
MARTIN HALL
COLLEGE AVE.
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MAIDEN LANE
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COMMENCEMENT HALL
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LIBRARY
HIGH ST
PROSPECT ST
NORTH PROSPECT ST
B & O R.R.
BEECHURST AVE
WOMEN'S GYMNASIUM
MEDICAL BLD'G.
PRESIDENT'S HOME
INFIRMARY
MUSIC HALL
HUNT ST
HEATING PLANT
FIELD HOUSE
MONONGAHELA RIVER
M.R. R.R.
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LAW BLD'G.
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YEAR 1930

JANUARY						
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YEAR 1931

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27	28	29	30	31		

The days that the University is in session are printed in light face type; Sundays, holidays, and vacations in italics.

UNIVERSITY CALENDAR

1930

May 28, Wednesday, to June 5, Thursday, inclusive
Final examinations for second semester
May 30, Friday.....Memorial Day, a holiday
June 1, Sunday.....Baccalaureate exercises
June 2, Monday.....Commencement Day
June 6, Friday.....Opening of Summer School
June 6 and 7, Friday and Saturday.....Registration of students
June 9, Monday.....First recitations of Summer School
July 4, Friday.....Independence Day, a holiday
July 18, Friday.....Close of first term, Summer School
July 19, Saturday.....Opening of second term, Summer School
August 29, Friday.....Close of Summer School
September 11, Thursday.....Opening of first semester
September 11, 12, 13, Thursday, Friday, and Saturday
Freshman Week exercises
September 15 and 16, Monday and Tuesday
Registration of upper classmen
September 17, Wednesday.....First recitations of first semester
November 14, Friday.....Day for mid-semester reports
November 27, Thursday, to November 30, Sunday, inclusive
Thanksgiving recess
December 20, Saturday, to January 4, Sunday, inclusive..Christmas recess

1931

January 17, Saturday, to January 24, Saturday, inclusive
Final examinations for first semester
January 27, Tuesday.....Opening of second semester
January 27 and 28, Tuesday and Wednesday.....Registration of students
January 29, Thursday.....First recitations of second semester
March 25, Wednesday.....Day for mid-semester reports
April 2, Thursday, to April 8, Wednesday, inclusive.....Easter recess
May 29, Friday, to June 6, Saturday, inclusive
Final examinations for second semester
May 30, Saturday.....Memorial Day, a holiday
June 7, Sunday.....Baccalaureate exercises
June 8, Monday.....Alumni Day
June 9, Tuesday.....Commencement Day
June 12, Friday.....Opening of Summer School
June 12 and 13, Friday and Saturday.....Registration of students
June 15, Monday.....First recitations of Summer School
July 4, Saturday.....Independence Day, a holiday
July 24, Friday.....Close of first term, Summer School
July 25, Saturday..Opening of second term, Summer School—Registration
July 27, Monday.....First recitations of second term, Summer School
August 29, Saturday.....Close of Summer School

WEST VIRGINIA UNIVERSITY

MORGANTOWN

Established February 7, 1867

THE STATE BOARD OF CONTROL

	TERM EXPIRES
H. N. BRADLEY, PRESIDENT, *Charles Town*	June 30, 1935
F. W. McCULLOUGH, TREASURER, *Charleston*	June 30, 1931
JAMES S. LAKIN, *Charleston*	June 30, 1933

HERMAN G. JOHNSON, SECRETARY, *Charleston*

The State Board of Control has the direction of the financial and business affairs of the state educational institutions.

THE BOARD OF GOVERNORS

	TERM EXPIRES
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HUGH IKE SHOTT, JR., *Bluefield*	June 1, 1933
GERTRUDE ROBERTS, *Huntington*	June 1, 1933
ARTHUR BURKE KOONTZ, *Charleston*	June 1, 1932
CLEVELAND McSHERRY SEIBERT, *Martinsburg*	June 1, 1933

CHARLES THOMPSON NEFF, JR., SECRETARY, *Morgantown*

The Board of Governors has charge of the educational and administrative affairs of the University.

West Virginia University publishes, in addition to this catalogue, a number of smaller bulletins descriptive of each of the various colleges and schools. Requests for copies of these publications and inquiries for information about the University and its work should be addressed to

THE REGISTRAR,
West Virginia University,
Morgantown, W. Va.

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JOHN NATHAN SIMPSON, A. B., M. D., *Dean of the School of Medicine.*

LOUIS BLACK, *Director of the School of Music.*

STEPHEN P. BURKE, Ph. D., *Chairman of Graduate Council and Director of Industrial Research.*

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LLOYD LOWNDES FRIEND, M. A., *Registrar of the University.*

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RUTH DOUGLAS NOER, M. S., *Dean of Women.*

NAT TERRY FRAME, D. Sc., *Director of Agricultural Extension.*

ROBERT ALLEN ARMSTRONG, A. M., L. H. D., *University Chaplain.*

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The President of the University and the Deans of the various colleges.

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EARL HUDELSON, Ph. D., *Chairman of the Education Group.*

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THOMAS CLARK ATKESON, PH. D., *Professor of Animal Husbandry Emeritus.*

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ALFRED JARRETT HARE, A. M., *Professor of the Latin Language and Literature Emeritus.*

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RUSSELL LOVE MORRIS, C. E., *Professor of Railway and Highway Engineering.*

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JAMES MORTON CALLAHAN, PH. D., *Professor of History and Political Science.*

JOHN NATHAN SIMPSON, A. B., M. D., *Professor of Medicine.*

JOHN HARRINGTON COX, PH. D., LITT. D., *Professor of English Philology.*

JOHN ARNDT EIESLAND, PH. D., *Professor of Mathematics.*

ALBERT MOORE REESE, PH. D., *Professor of Zoology.*

OLIVER PERRY CHITWOOD, PH. D., LL. D., *Professor of History.*

LOUIS BLACK, *Head of the Department of Vocal Music.*

MADISON STATHERS, PH. D., *Professor of Romance Languages.*

ENOCH HOWARD VICKERS, A. M., *Professor of Economics and Sociology.*

CHARLES EDWARD BISHOP, PH. D., *Professor of Greek Language and Literature Emeritus.*

ROLAND PARKER DAVIS, PH. D., *Professor of Structural and Hydraulic Engineering.*

FRIEND EBENEZER CLARK, PH. D., *Professor of Chemistry.*

LEONARD MARION PEAIRS, PH. D., *Professor of Entomology.*

JOHN BEHNY GRUMBEIN, M. M. E., *Professor of Steam and Experimental Engineering.*

ALEXANDER HARDIE FORMAN, M. M. E., PH. D., *Professor of Electrical Engineering.*

CHARLES HENRY AMBLER, PH. D., *Professor of History.*

LESLIE DAVID HAYES, M. E., *Professor of Machine Design and Construction.*

NAHUM JAMES GIDDINGS,[1] PH. D., *Professor of Plant Pathology.*

THOMAS PORTER HARDMAN, M. A., J. D., *Professor of Law.*

WILBUR JONES KAY, A. M., *Professor of Public Speaking.*

EDWARD ALEXANDER LIVESAY, D. SC., *Professor of Animal Husbandry.*

GEORGE PAUL BOOMSLITER, M. S. C. E., *Professor of Mechanics.*

JAMES HERBERT GILL, M. E., *Professor of Machine Construction and Superintendent of Shops.*

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DAVID DALE JOHNSON, A. M., L. H. D., *Professor of English.*

RACHEL HARTSHORN COLWELL, M. A., *Professor of Home Economics.*

SAMUEL JOHN MORRIS, M. D., *Professor of Anatomy.*

LAWRENCE BENJAMIN HILL, PH. D., *Professor of Education.*

MARTIN LOXLEY BONAR, M. D., *Professor of Pharmacology.*

CARL ALFRED JACOBSON, PH. D., *Professor of Chemistry.*

WILLARD WELLINGTON HODGE, M. A., *Professor of Chemical Engineering.*

LEO CARLIN, A. B., LL. B., *Professor of Law.*

SAMUEL MORRIS, PH. D., *Professor of Chemistry.*

FRED A. MOLBY, PH. D., *Professor of Physics.*

EDWARD SILVER MACLIN, B. S. EDUC., *Professor of Industrial Education.*

EDMUND CHARLES DICKINSON, A. B., J. D., *Professor of Law.*

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[1]Resigned, September 1, 1929.

EDWARD JERALD VAN LIERE, M. D., PH. D., *Professor of Physiology.*

CLIFFORD RAYMOND SNIDER, A. B., S. J. D., *Professor of Law.*

LOUIS AUGUST RUFENER, PH. D., *Professor of Economics.*

WILSON PORTER SHORTRIDGE, PH. D., *Professor of Political Science.*

FLOYD EARLE CHIDESTER, PH. D., *Professor of Zoology.*

GORDON ALGER BERGY, PH. C., M. S., *Professor of Pharmacy.*

JOHN LITTLEFIELD TILTON, PH. D., *Professor of Geology.*

RALPH JOHN GARBER, PH. D., *Professor of Agronomy and Genetics.*

THOMAS LUTHER HARRIS, PH. D., *Professor of Sociology.*

JOHN E. WINTER, PH. D., *Professor of Psychology.*

ARTHUR A. HALL, B. S. M. E., *Professor of Electrical Engineering.*

PERRY DANIEL STRAUSBAUGH, PH. D., *Professor of Botany.*

ANDREW JACKSON DADISMAN, PH. D., *Professor of Farm Economics.*

GEORGE RUSSELL BANCROFT, PH. D., *Professor of Biochemistry.*

ALLEN WILSON PORTERFIELD, PH. D., *Professor of German.*

ROBERT CAMERON COLWELL, PH. D., *Professor of Physics.*

CHARLES ELMER LAWALL, E. M., M. S., *Professor of Mining Engineering.*

PERLEY ISAAC REED, PH. D., *Professor of Journalism.*

GIDEON STANHOPE DODDS, PH. D., *Professor of Histology and Embryology.*

CLAUDE CARL SPIKER, PH. D., *Professor of French and Spanish.*

ROBERT CLIFTON SPANGLER, PH. D., *Professor of Botany.*

JAMES WIGGINS SIMONTON, A. B., J. D., S. J. D., *Professor of Law.*

CLEMENT COLEMAN FENTON, M. S., M. D., *Professor of Pathology and Clinical Pathology.*

SIDNEY LONGMAN GALPIN, PH. D., *Professor of Geology.*

ROBB SPALDING SPRAY, PH. D., *Professor of Bacteriology and Hygiene.*

REBECCA LUELLA POLLOCK, PH. D., *Professor of Education.*

THURMAN WESLEY ARNOLD, A. B., LL. B., *Professor of Law.*

HARVEY HENRY FLETCHER, MAJOR, INFANTRY, UNITED STATES ARMY, *Professor of Military Science and Tactics.*

ELIZABETH MATTINGLY STALNAKER, PH. D., *Professor of Psychology.*

HUBERT HILL, M. S., *Professor of Chemistry.*

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HARRY ORAM HENDERSON, PH. D., *Professor of Dairy Husbandry.*

JOHN WILLIAM DRAPER, PH. D., *Professor of English.*

ROBERT BARCLAY DUSTMAN, PH. D., *Professor of Agricultural Chemistry.*

HARRY EDWARD KNOWLTON, PH. D., *Professor of Horticulture.*

LEWIS VAN CARPENTER, M. S. C. E., M. S. SAN. ENG'G., *Professor of Sanitary Engineering.*

WALTER ALLOS KOEHLER, CH. E., PH. D., *Professor of Chemical and Ceramic Engineering.*

CLAYTON ROBERTS ORTON, PH. D., *Professor of Plant Pathology.*

JOHN FAIRFIELD SLY, PH. D., *Professor of Political Science.*

EARL HUDELSON, PH. D., *Professor of Education.*

LONNA DENNIS ARNETT, PH. D., *Librarian, and Instructor in Library Science.*

CAMDEN PAGE FORTNEY, B. S. C. E., CHIEF ENGINEER, STATE ROAD COMMISSION, *Director of the School of Good Roads.*

ELLIS SPENCE TISDALE, B. S. SAN. ENG'G., STATE DEPARTMENT OF HEALTH, *Director of Conference on Water Supply and Purification.*

ASSOCIATE PROFESSORS

EDGAR LEWIS ANDREWS, M. S. AGR., *Associate Professor of Poultry Husbandry.*

HARLEY LUCIUS CRANE, M. S. AGR.,[1] *Associate Professor of Horticulture.*

EARL CLAUDIUS HAMILTON DAVIES, PH. D., *Associate Professor of Chemistry.*

EUGENE PEYTON DEATRICK, PH. D., *Associate Professor of Agronomy.*

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[1]Resigned November 1, 1929.

HOWARD BUSHNELL ALLEN, M. S., *Associate Professor of Agricultural Education.*

CLARENCE NEWTON REYONLDS, JR., PH. D., *Associate Profes- of Mathematics.*

MARGARET BUCHANAN COLE, PH. D., *Acting Associate Professor of Mathematics.*

BIRD MARGARET TURNER, PH. D., *Associate Professor of Mathe-*matics.

ROBERT MAURICE MATHEWS,[2] PH. D., *Associate Professor of Mathematics.*

JOHN EMLIN BOHAN, PH. D., *Associate Professor of Education.*

LILY BELL SEFTON DEATRICK, PH. D., *Associate Professor of Chemistry.*

LELAND HART TAYLOR, SC. D., *Associate Professor of Zoology.*

WALTER JAMES YEATON,[3] M. S., *Associate Professor of Geology.*

LOUIS WATSON CHAPPEL, A. M., *Associate Professor of English.*

MONTAGU FRANK MODDER, A. M., *Associate Professor of English.*

LEON H. LEONIAN, PH. D., *Associate Professor of Plant Pathology.*

JOHN HARRISON RIETZ,[4] D. V. M., *Associate Professor of Veterinary Medicine.*

FORREST WILBUR STEMPLE, PH. D., *Associate Professor of Education.*

ANTHONY BERG., M. S., *Associate Professor of Plant Pathology.*

GEORGE RUSSELL CRISLER, PH. D., *Associate Professor of Physiology.*

HAROLD CANFIELD HAVIGHURST, A. M., LL. B., *Associate Professor of Law.*

JOSEPH LESTER HAYMAN, PH. C., M. S. PHAR., *Associate Professor of Pharmacy.*

WILLIAM HENRY PIERRE, PH. D., *Associate Professor of Agronomy and Soils.*

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[2]Died October 20, 1929.
[3]On leave of absence, 1929-30.
[4]In cooperation with State Department of Agriculture.

ASSISTANT PROFESSORS

GEORGE WALTER GROW, B. S. M. E., M. S., *Assistant Professor of Drawing and Machine Design.*

CHARLES VINYARD WILSON, M. S., *Assistant Professor of Animal Husbandry.*

KYLE CHESTER WESTOVER, M. S., *Assistant Professor of Horticulture.*

BENNETT SEXTON WHITE, B. S. M. E., *Assistant Professor of Drawing and Machine Design.*

CHARLES MITRANI, PH. D., *Assistant Professor of Romance Languages.*

ROY A. OLNEY, PH. D., *Assistant Professor of Agricultural Education.*

CARL HENRY CATHER, M. S., *Assistant Professor of Mechanics.*

JACOB SAPOSNEKOW, A. M., *Assistant Professor of Sociology.*

NELL NESBITT, A. M.,[1] *Assistant Professor of Home Economics.*

JEAN ELNORA RICHMOND, M. A., *Assistant Professor of Home Economics and Education.*

RUTH DOUGLAS NOER, M. S., *Assistant Professor of Home Economics.*

ROY EZEKIEL NELSON, M. S. C. E., M. S. HIGHWAY ENG'G, *Assistant Professor of Railway and Highway Engineering.*

WILLIAM ANDERSON STAAB, E. M., *Assistant Professor of Mining Engineering.*

ORPHA REX FORD,[1] M. A., *Assistant Professor of Physics.*

ARMAND RENE COLLETT, PH. D., *Assistant Professor of Chemistry.*

CLARENCE EUGENE GARLAND, PH. D., *Assistant Professor of Chemistry.*

CHRISTOPHER GEORGE BROUZAS, PH. D., *Assistant Professor of Latin.*

WALTER WADEPUHL, PH. D., *Assistant Professor of German.*

DAVID ROLLIN DODD,[2] B. S. AGR., *Assistant Professor of Agronomy.*

ROY MARSH McCUTCHEN,[3] M. E., CAPTAIN, CORPS OF ENGINEERS, (D. O. L.), U. S. ARMY, *Assistant Professor of Military Science and Tactics.*

LYDIA IRENE HINKEL, MUS. B., *Assistant Professor of Music.*

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[1]On leave of absence, 1929-30.
[2]Resigned, February 15, 1930.
[3]Returns to regular army service, July 1, 1930.

DOROTHY LOUISE MACKAY, DOCTEUR DE L'UNIVERSITE DE PARIS, *Assistant Professor of History.*

JOHN DONALD BARNHART, PH. D., *Assistant Professor of History.*

FRED MANNING SMITH, PH. D., *Assistant Professor of English.*

GRACE MARGARET GRIFFIN, A. M., *Assistant Professor of Physical Education.*

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CHARLES LESTER LAZZELL, PH. D., *Assistant Professor of Chemistry.*

JOHN INGLIS MOSHER,[1] A. M., *Assistant Professor of Economics.*

WALLACE CARLTON MURPHY, PH. D., *Acting Assistant Professor of Political Science.*

CONSTANCE WELCH,[2] M. A., *Assistant Professor of Public Speaking.*

BETH MAE PALMER, M. S., *Assistant Professor of Home Economics.*

HARRY MARION FRIDLEY, PH. D., *Assistant Professor of Geology.*

KENNETH SINCLAIR MORROW, M. S., *Assistant Professor of Dairy Husbandry.*

WALTER WARDLOW ARMENTROUT, M. S., *Assistant Professor of Farm Economics.*

LLOYD MASSENA THURSTON, PH. D., *Assistant Professor of Dairy Husbandry.*

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JOHN REGINALD CRESSWELL, PH. D., *Assistant Professor of Philosophy.*

CARL MAYNARD FRASURE,[1] PH. D., *Assistant Professor of Political Science.*

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[1]On leave of absence, 1929-30.
[2]Resigned, July 1, 1930.

WILLIAM SISSON GLASHEEN,[1] M. B. A., *Assistant Professor of Accounting.*

JAMES FRED McGREW, M. A., *Acting Assistant Professor of Public Speaking.*

JAMES H. C. MARTENS, PH. D., *Acting Assistant Professor of Geology.*

HANNIBAL ALBERT DAVIS, PH. D., *Assistant Professor of Mathematics.*

CHARLES HENRY VEHSE, M. S., *Assistant Professor of Mathematics.*

FERRIS DEWEY CORNELL, M. S., *Assistant Professor of Farm Mechanics.*

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KENNETH F. HANST, CAPTAIN INFANTRY, UNITED STATES ARMY (D. O. L.), *Assistant Professor of Military Science and Tactics.*

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HARRY LAWRENCE SAMUEL, M. S. in Public Health, *Assistant Professor of Physical Education and Director of Intramural Athletics.*

STEPHEN C. WHIPPLE,[2] B. S. C. E., CAPTAIN, CORPS OF ENGINEERS, UNITED STATES ARMY (D. O. L.), *Assistant Professor of Military Science and Tactics.*

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GRACE MARTIN SNEE, B. M., *Instructor in Piano and Pipe Organ.*

RUFUS ASA WEST, *Instructor in Metalworking.*

FLORA RAY HAYES, A. B., *Instructor in Theory and History of Music.*

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[1]On leave of absence, 1929-30.
[2]Succeeds Captain McCutchen, July 1, 1930.

RAYMER EGBERT SEAMAN, *Instructor in Woodworking and Foundry Practice.*

CLARA LYTLE, M. A., *Instructor in English.*

ELIZABETH FROST REED, A. M., *Instructor in English.*

HAROLD MALCOLM CATHER, M. S. M. E., *Instructor in Drawing and Machine Design.*

WILLIAM JOHN CARL, *Instructor in Foundry Practice.*

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WILLIAM OLIVER GNAGEY, *Instructor in Machine Shop Practice.*

GREEK SAYRE, A. M., *Instructor in English.*

MARGARET ELIZABETH BUTMAN, *Instructor in Piano.*

MARTHA THEODA FULTON, A. M., *Instructor in English and Student Counselor.*

HELEN PURINTON PETTIGREW, A. M., *Instructor in English.*

LEE LEONARD AMIDON, M. S. M. E., *Instructor in Steam and Experimental Engineering.*

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MARY NADINE PAGE, M. A., *Instructor in English.*

EVALYN SPURGEON DIXON, PH. D., *Instructor in History.*

CAROLINE LEWIS SHANKS, PH. D., *Instructor in History.*

LYDIA C. LOTHROP, PH. D., *Instructor in History.*

HENRY AUGUSTUS HOLDEN PRAY, PH. D., *Instructor in Chemistry.*

JOHN ARTHUR GIBSON, PH. D., *Instructor in Chemistry.*

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LYDIA ROESCH, A. M., *Instructor in German.*

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HAROLD FRED KRUGER, *Instructor in Drawing and Machine Design.*

HELEN STERRETT JONES, B. S., *Instructor in Home Economics.*

MINERVA LAWSON SIBBALD, B. MUS., *Instructor in Public School Music.*

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CECIL BENJAMIN PRIDE, A. B., M. D., *Instructor in Principles and Practice of Surgery.*

ROBERT RUSSELL ASHBURN, A. M., *Instructor in Spanish.*

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VOLNEY W. SHEPARD, *Instructor in Piano.*

ERNEST THOMAS WIGHTMAN, M. S. AGR., *Instructor in Poultry Husbandry.*

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WARREN FRANCIS MANNING, A. M., *Instructor in French.*

LELIA MORRIS CUNNINGHAM, *Instructor in Piano.*

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JOSEPH ALPHONSO JAMES, B. A., *Instructor in French.*

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BEATRICE HURST, M. A., *Instructor in Physical Education.*

RALPH GARDNER OWENS, M. S., *Instructor in Physics.*

BEATRICE THOMAS, B. S., *Instructor in Physical Education.*

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IRA ODELL MYERS, M. S., *Instructor in Physics.*

EARL LEMLEY CORE, A. M., *Instructor in Botany.*

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MELVIN BUTLER HOFFMAN, M. S., *Instructor in Horticulture.*

MARION KENDALL FULLER, B. A., *Instructor in Public School Music and Voice.*

ARNOLD WALDEMAR JOHNSON, M. B. A., *Instructor in Accounting.*

MAURICE WILLYLE KELLEY, M. A., *Instructor in English.*

SAMUEL GREENBERRY WILLIAMSON, A. M., *Instructor in Physics.*

CARTER RICHARD BISHOP, A. M., *Instructor in English.*

BERTHA JANE BOYD, B. S., *Instructor in Home Economics.*

HELEN EMILY KALLENBERG, B. S., *Instructor in Home Economics.*

MARJA STEADMAN FEAR, A. M., *Instructor in Public Speaking.*

ARTHUR PINGREE DYE, M. S. AGR., *Instructor in Horticulture.*

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ROBERT TUCKER DONLEY, A. B., LL. B., *Instructor in Law.*

ASSISTANTS

WALTER ALEXANDER MESTREZAT, *Assistant in Music.*

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[1]Resigned, October 1, 1929.

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MICHAEL ALPHONSE RAFFERTY, PH. C., *Assistant in Pharmacology and Biochemistry.*

JOSEPH EDWIN HALL, B. S., *Assistant in Physiology.*

BOYCE M. FIELD, B. S., *Assistant in Anatomy.*

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MELVILLE STEWART, A. B., *Assistant in Physical Education.*

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BYRON BENEDUM RANDOLPH, A. B., *Graduate Assistant in Economics.*

SARAH HAZEL KELLY, A. B., *Graduate Assistant in Chemistry.*

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RICHARD NEWTON, A. B., *Research Fellow in Chemical Engineering.*

HOMER ARTHUR HOSKINS, M. S. CH. E., *Research Fellow in Chemical Engineering.*

ALFRED HARRY DAVIDSON, JR., B. S. C. E., *Research Fellow in Sanitary Engineering.*

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JOSEPH LINDELL KEENER, JR., A. B., *David Allan Burt Fellow in Chemistry.*

WILLIAM ARTHUR WELCH, A. B., *David Allan Burt Fellow in Chemistry.*

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CARLETON BROWN, PH. D., *Professor of English, New York University.*

CHARLES SUMNER CROW, PH. D., *Professor of Education, University of New Jersey.*

DONALD MONROE GILBERT, PH. D., *Professor of Modern Languages, Albion College.*

HARRY BAINBRIDGE GOUGH, A. M., *Professor of Public Speaking, DePauw University.*

ERNEST B. HARPER, PH. D., *Professor of Sociology, Kalamazoo College.*

JENS Y. JENSEN, PH. D., *Professor of Economics, University of Kansas.*

BENJAMIN D. KAHN, A. M., *Fairmont High School, Teacher of Mathematics, University High School.*

FOREST KEEN, A. B., *Instructor in Sociology, Ohio State University.*

OTTO KOISCHWITZ, PH. D., *Assistant Professor of German, Hunter College, and Lecturer in German, Columbia University.*

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JAMES LIVESAY LAPOE, M. A., *Associate Professor of Education, Ohio State University.*

LUCY G. LEWIS, A. B., *Huntington High School, Teacher of Art, University High School.*

L. S. MCDANIEL, PH. D., *Professor of Education, State Teachers' College, Arizona.*

H. T. MCKINNEY, PH. D., *Professor of Education, Bethany College.*

PAUL REED MORROW, PH. D., *Professor of Education, University of Georgia.*

JAMES GEORGE NEEDHAM, PH. D., *Professor of Entomology and Limnology, Cornell University.*

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H. T. SHANKS, PH. D., *Assistant Professor of History, Birmingham Southern College.*

FRED A. SHANNON, PH. D., *Professor of History, Kansas Agricultural College.*

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CARL WITTKE, PH. D., *Professor of History, Ohio State University.*

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LOWRY McELVAINE STOOPS, A. B., *Assistant Director of Athletics.*

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IRA ERRETT RODGERS, A. B., *Coach of Football and Baseball.*

FRANCIS STADSVOLD, A. B., LL. B., *Coach of Basketball.*

STEPHEN HARRICK, A. B., *Coach of Wrestling, and Assistant Football Coach.*

ARTHUR SMITH, *Coach of Track and Field.*

CHARLES CAMERON TALLMAN, LL. B., *Coach of Freshman Football.*

WALTER EVERETT MAHAN, A. B., *Assistant Coach of Football.*

EDWARD VACHERESSE, A. B., *Coach of Boxing, and Assistant Football Coach.*

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ELLA LOUISE BOGGESS, B. S., *Home Economics.*

LONA KATE MEREDITH, A. B., *Part Time Instructor, University High School.*

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HORACE ATWOOD, M. S. AGR., *Poultry Husbandman.*

*NAHUM JAMES GIDDINGS, PH. D.,[1] *Plant Pathologist.*

*LEONARD MARION PEAIRS, PH. D., *Entomologist.*

*EDWARD ALEXANDER LIVESAY, D. SC., *Animal Husbandman.*

‡RALPH JOHN GARBER, PH. D., *Agronomist.*

*ANDREW JACKSON DADISMAN, PH. D., *Farm Economist.*

*HARRY ORAM HENDERSON, PH. D., *Dairy Husbandman.*

*CLAYTON ROBERTS ORTON, PH. D., *Plant Pathologist.*

*HARRY EDWARD KNOWLTON, PH. D., *Horticulturist.*

*ROBERT BARCLAY DUSTMAN, PH. D., *Agricultural Chemist.*

*HARLEY LUCIUS CRANE, M. S. AGR.,[2] *Associate Horticulturist.*

*ANTHONY BERG, M. S., *Associate Plant Pathologist.*

*LEON H. LEONIAN, PH. D., *Associate Plant Pathologist.*

*JOHN HARRISON RIETZ, D. V. M.,[6] *Associate Veterinarian.*

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[1]Resigned, September 1, 1929.
[2]Resigned, November 1, 1929.
[6]In cooperation with the State Department of Agriculture.
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‡Member of staffs of Instruction, Experiment Station, and Extension.
†Member of staffs of Experiment Station and Extension.

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FELIX JOHN SCHNEIDERHAN, M. S.,[3] *Associate Plant Pathologist.*

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*CHARLES VINYARD WILSON, M. S., *Assistant Animal Husbandman.*

*KYLE CHESTER WESTOVER, M. S., *Assistant Horticulturist.*

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[3]On field service, P. O. Martinsburg, West Virginia.
[4]In charge of Reymann Memorial Farms, Wardensville, West Virginia.
[5]In charge of sub-station at Lakin, West Virginia.
[6]In cooperation with the State Department of Agriculture.
[7]In cooperation with the United States Department of Agriculture.
[10]Resigned, February 15, 1930.
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*ARTHUR PINGREE DYE, M. S. AGR., *Assistant in Horticulture.*

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*CARL QUENTIN WILLIAMS, B. S., *Graduate Assistant in Animal Husbandry.*

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*GERALD JENNY, M. S., *Agricultural Editor.*

JOHN CHARLES JOHNSTON, *Chief Clerk.*

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[6]In cooperation with the State Department of Agriculture.
[8]P. O., Inwood, West Virginia.
[9]P. O., Martinsburg, West Virginia.
[11]In field service, P. O., Wardensville, West Virginia.
*Member of staffs of Instruction and Experiment Station.
†Member of staffs of Experiment Station and Extension.

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NAT TERRY FRAME, D. SC., *Director.*

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HUGH WILLARD PRETTYMAN, B. S. AGR.,[3] *District Agent.*

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PAULINE RICHARDSON SPANGLER, A. B.,[3] *District Agent.*

GLADYS MAY SCRANAGE, B. S. H. E.,[3] *District Home Demonstration Agent.*

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THOMAS WESLEY SKUCE, B. S.,[3] *Forestry Specialist.*

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[1]In cooperation with State Department of Agriculture.
[2]In cooperation with U. S. Department of Agriculture and State Department of Agriculture.
[3]In cooperation with United States Department of Agriculture.
[4]Resigned, February 15, 1930.
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MINING EXTENSION STAFF

CHARLES ELMER LAWALL, E. M., M. S., *Director of Extension of the Industrial Sciences.*

ADAM CRAWFORD, *Assistant Director of Mining Extension.*

ANDREW H. SMITH, *Supervisor of Mine Foreman Training.*

JAMES STANLEY POUNDSTONE, *Instructor in Mining Extension.*

CLYDE GRAHAM STOUT, *Instructor in Mining Extension.*

HOBART WATSON, *Instructor in Mining Extension.*

WILLIAM BROWN TALBOTT, *Instructor in Mining Extension.*

WARREN RANGELEY ROBERTS, *Instructor in Mining Extension.*

WAYNE McVEIGH DAVIS, *Instructor in Mining Extension.*

ALTON M. AYERS, *Instructor in Mining Extension.*

OTHER OFFICERS

DENNIS MARTIN WILLIS, A. B., LL. M., *Financial Secretary.*

BENJAMIN WALTER KING, A. M., *University Statistician and Editor.*

FRANK ROY YOKE, A. B., LL. B., *Alumni Secretary.*

LOUISE KEENER, B. A., *Secretary to the President.*

WILBERT HERSMAN McGAW, M. D., *University Physician, in charge of Student Health Service.*

BERTHA BROWNING PURINTON, A. M., *Assistant Registrar.*

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[1]In cooperation with State Department of Agriculture.
[3]On field service, P. O. Martinsburg, West Virginia.
†Member of staffs of Experiment Station and Extension.
**Member of staffs of Instruction and Extension.

JAY EVERETT LONG, A. B., *Assistant to the Registrar.*

CHANDLER LINN BROOKS, *Superintendent of Buildings and Grounds.*

ISABEL RAY HAYES, *Preceptress of the Woman's Hall.*

WINIFRED ROYALE CHENEY, B. A., *General Secretary, University Y. W. C. A.*

ELIZABETH B. ABBOTT, *Assistant Preceptress at the Woman's Hall Annex.*

MINNIE CARPER WHITE, *Assistant Preceptress at the Boughner House.*

CARL EDWARD JOHNSON, M. D., *Assistant Physician, Health Service.*

EMERSON CARNEY, *In Charge of University Book Store.*

JULIA ANNA GANSTER,[1] R. N., *University Nurse.*

MABEL FRIEL, *University Nurse.*

ATHLETIC BOARD

FACULTY MEMBERS: Director H. A. STANSBURY (Ex-officio), Professor S. J. MORRIS, and Mr. C. H. HARTLEY.

ALUMNI MEMBERS: CHARLES G. BAKER, Morgantown, W. Va. (Term expires June 30, 1931), FRED B. DEEM, Clarksburg, W. Va. (Term expires June 30, 1930).

STUDENT MEMBERS: MARSHALL GLENN (Term expires June 30, 1930), RUSSELL LARUE (Term expires June 30, 1931).

STANDING COMMITTEES

ENTRANCE: The Registrar and deans of the three colleges admitting Freshmen.

PUBLIC EXERCISES AND ENTERTAINMENTS: Professors KAY and BLACK, President Student Council, and Mr. HARTLEY (Secretary).

PRIZES: Professor STRAUSBAUGH, Dean ARNOLD, Professors COX, AMBLER, and CHIDESTER, and Registrar FRIEND.

LIBRARY: Dr. ARNETT, Professors R. C. COLWELL, JACOBSON, and AMBLER.

WOMEN STUDENTS: Dean NOER, Professor R. H. COLWELL, Professor POLLOCK, Miss FLORA HAYES, Miss GRIFFIN, and Miss ISABEL HAYES.

UNIVERSITY PUBLICATIONS: Professors JOHNSON, REED, HODGE, and DICKINSON, Mr. FRIEND, and Mr. SCHNOPP.

STUDENT PUBLICATIONS: Professors REED, CHITWOOD, R. L. MORRIS, BANCROFT, and SPANGLER.

[1]Resigned, February 1, 1930.

SUMMER SCHOOL: Director DADISMAN, Mr. FRIEND, Dean SHORTRIDGE, Dean FROMME, and Dean HUDELSON.

MILITARY AND GYMNASIUM BOARD: Major FLETCHER, Dean SIMPSON, and Director STANSBURY.

SOCIAL AFFAIRS: Professors DARBY and KAY, Dean STONE, Dean NOER, Major FLETCHER, Miss ISABEL HAYES, Miss GRIFFIN, and Mrs. DEATRICK.

STUDENT AND FRATERNITY STANDINGS: Professors PEAIRS and REESE, and Associate Professor REYNOLDS.

RESEARCH: Professors REESE, COX, EIESLAND, JACOBSON, and DAVIS.

FRATERNITY ADVISERS: Assistant Professor J. H. LONGWELL (Alpha Gamma Rho), Professor L. M. PEAIRS (Alpha Phi Delta), Professor A. M. REESE (Beta Theta Pi), Mr. SAMUEL WILLIAMSON (Delta Tau Delta), Professor R. A. ARMSTRONG (Kappa Alpha), Professor A. J. DADISMAN (Kappa Sigma), Professor P. D. STRAUSBAUGH (Phi Alpha), Professor R. C. COLWELL (Phi Delta Theta), Professor E. H. VICKERS (Phi Kappa Psi), Mr. HARRY COLE (Phi Kappa Sigma), Professor F. B. TROTTER (Phi Sigma Delta), Assistant Professor S. B. MAYNARD (Phi Sigma Kappa), Professor A. H. FORMAN (Pi Kappa Alpha), Mr. B. B. KAPLAN (Pi Lambda Phi), Professor A. L. DARBY (Sigma Chi), Professor T. P. HARDMAN (Sigma Nu), Assistant Professor G. W. GROW (Sigma Phi Epsilon), Assistant Professor J. D. BARNHART (Tau Kappa Epsilon), Professor J. H. COX (Theta Chi), Associate Professor M. F. MODDER (Delta Epsilon), Assistant Professor W. S. GLASHEEN (Kappa Mu), Professor E. C. DICKINSON (Sigma Delta Phi), Mr. A. H. BLACK (Tau Delta Theta), Professor W. W. HODGE (Phi Kappa Tau), Dean H. E. STONE Delta Kappa Psi).

SORORITY ADVISERS: Professor R. H. COLWELL (Alpha Xi Delta), Mrs. P. I. REED (Pi Beta Phi), Miss MONTELLA DIETRICH (Phi Mu), ... (Alpha Delta Pi), Miss SYLVIA SOUPART (Gamma Phi Beta), ... (Pi Tau Delta), ... (Kappa Kappa Gamma), Mrs. HUBERT HILL (Delta Gamma), ... (Alpha Phi), Mrs. HELEN PETTIGREW (Chi Omega).

UNIVERSITY EXTENSION: Dean FROMME, Director FRAME, Dean STONE, Professors HARRIS, REED, MACLIN, and LAWALL, Mr. FRIEND, Mr. YOKE, Miss HUMPHREYS, and Mr. STOCKDALE.

STUDENT ENGLISH: Professors ARMSTRONG, BOOMSLITER, STRAUSBAUGH, DADISMAN, PORTERFIELD, and Mr. BISHOP, (Secretary).

UNIVERSITY EXHIBITS: Professors GILL and KOEHLER and Associate Professor BERG.

COLLEGE COMMITTEES

CONCERTS AND RECITALS, SCHOOL OF MUSIC: Director BLACK, Miss BUTMAN, and Mr. WOOD.

ENGINEERING CURRICULA, COLLEGE OF ENGINEERING AND MECHANIC ARTS: Dean JONES and Professors DAVIS, FORMAN, HAYES, HODGE, MACLIN, and LAWALL.

ENGINEERING SOCIETY, COLLEGE OF ENGINEERING AND MECHANIC ARTS: Professors GRUMBEIN, MORRIS, FORMAN, BOOMSLITER, HAYES, HODGE, and LAWALL.

FARM OPERATIONS, COLLEGE OF AGRICULTURE: Professors DADISMAN, HENDERSON, GARBER, and KNOWLTON, Associate Professors ANDREWS and ALLEN, and Assistant Professor WILSON.

INTRAMURAL ATHLETIC BOARD, DIVISION OF PHYSICAL EDUCATION: Assistant Professor SAMUEL, Professor SCHOTT, Assistant Professor JONES, Mr. STANSBURY, and Senior Managers.

LIBRARY:

COLLEGE OF ENGINEERING AND MECHANIC ARTS: Professors DAVIS and HAYES.

COLLEGE OF AGRICULTURE AND AGRICULTURAL EXPERIMENT STATION: Professors ORTON and KNOWLTON, Associate Professor PIERRE, Assistant Professor THURSTON, Mr. HANSEN, and Miss CAMERON.

PLACEMENT AND RECOMMENDATION, DIVISION OF PHYSICAL EDUCATION: Professor SCHOTT and Assistant Professor GRIFFIN.

SCHOLARSHIP:

COLLEGE OF ARTS AND SCIENCES: Professors WINTER (Chairman), HARRIS, MORRIS, and SPIKER, and Assistant Professor SMITH.

COLLEGE OF ENGINEERING AND MECHANIC ARTS: Professors GRUMBEIN, HALL, and KOEHLER.

COLLEGE OF AGRICULTURE: Professors DADISMAN and GARBER and Assistant Professor NOER.

COLLEGE OF EDUCATION: Professor POLLOCK and Associate Professors BOHAN and STEMPLE.

SCHOOL OF MEDICINE: Professors BONAR, VAN LIERE, BANCROFT, DODDS, and S. J. MORRIS.

SCHOOL OF MUSIC: Mr. SHEPARD, Assistant Professor HINKEL, and Miss HAYES.

DIVISION OF PHYSICAL EDUCATION: Assistant Professors GRIFFIN, SAMUEL, and JONES, and Miss HURST.

STUDENT COURSES AND HOURS:

COLLEGE OF AGRICULTURE: Dean FROMME, Professors PEAIRS and COLWELL, and Assistant Professor LONGWELL.

DIVISION OF PHYSICAL EDUCATION: Professor SCHOTT and Assistant Professor GRIFFIN.

DESCRIPTION

LOCATION

Morgantown, the seat of the University, is a city of 20,000 inhabitants on the Monongahela River, near the northern boundary of West Virginia. It is on the Baltimore and Ohio Railroad (Pittsburgh-Fairmont, and Morgantown-Kingwood lines) and on the Monongahela Railway. Morgantown is twelve hours distant by rail from the state capital at Charleston, and three hours distant from Pittsburgh, Pa. It may be reached from the east (about sixteen hours from New York City) by the Baltimore and Ohio through either Fairmont, M. and K. Junction, or Connellsville, Pa.

For automobilists, hardsurfaced highways afford communication with the National Highway at Uniontown, Pa., on the north, with the Northwestern Turnpike at Grafton or Clarksburg on the south, or with the same road through Oakland, Md., on the east. Autobuses make hourly trips between Morgantown and important surrounding towns and cities.

Morgantown is the county seat of Monongalia County, and the center of an important agricultural and coal-producing region.

The University campus comprises about sixty-six acres near the center of the town, on high ground overlooking the Monongahela River. It contains sixteen substantial brick and stone buildings. A mile distant are the University farms, five in number, containing in all, about 700 acres.

HISTORY

West Virginia University originated from the national land grant act of June 2, 1862, and from the subsequent action of the state legislature in accepting and carrying out the provisions of the act. On January 9, 1866, the board of trustees of the Monongalia Academy at Morgantown tendered to the legislature, for the use of the contemplated state or land grant college, all its property, including Woodburn Female Seminary, on condition that the college should be located at Morgantown. On January 30, 1867, the legislature accepted the property and on February 7 passed an act permanently establishing "The Agricultural College of West Virginia" and authorizing the governor to appoint eleven suitable persons as a board of visitors.

The eleven visitors held the first meeting on April 3, 1867, at which time they appointed Alexander Martin president and established collegiate, scientific and agricultural departments of instruction.

By an act of December 4, 1868, the name of the college was changed to "West Virginia University" and the "board of visitors" to the "board of regents." July 1, 1919, the "board of regents" was merged in the "state board of education." By an act passed April 14, 1927, the control of the University was vested in a "board of governors."

The dates of the establishment of the special colleges and schools now comprised in the University are as follow: The College of Law, 1878; the College of Engineering, 1887; the Agricultural Experiment Station, 1888; the College of Agriculture, 1897; the School of Music, 1897; the School of Medicine, 1902; the College of Education, 1927.

The University has had ten regular presidents: Alexander Martin, 1867-1875; John W. Scott (acting president), 1875-1877; John Rhey Thompson, 1877-1881; Daniel Boardman Purinton (acting president), 1881-1882; William L. Wilson, 1882-1883; Robert C. Berkeley (chairman of the faculty), 1883-1885; Eli Marsh Turner, 1885-1893; Powell Benton Reynolds (acting president), 1893-1895; James L. Goodnight, 1895-1897; Jerome Hall Raymond, 1897-1901; Daniel Boardman Purinton, 1901-1911; Thomas Edward Hodges, 1911-1914; Frank Butler Trotter (acting president, 1914-1916), 1916-1928; John Roscoe Turner, 1928.

GOVERNMENT AND ORGANIZATION

The financial and business affairs of the University and of all the other State educational institutions are directed by the State Board of Control consisting of three members appointed by the governor. This board also exercises a general control over the various public institutions of the state. The academic control of the University is vested in the Board of Governors. The board is bi-partisan and consists of seven members who are appointed by the governor for a term of four years.

The University organization embraces:

The College of Arts and Sciences.

The College of Engineering and Mechanic Arts, including the Engineering Experiment Station.

The College of Agriculture, including the West Virginia Agricultural Experiment Station and the Division of Agricultural Extension.

The College of Law.

The College of Education.

The School of Medicine.

The School of Music.

The Summer School.

The Division of Military Science and Tactics.

The Division of Physical Education.

FUNDS

The funds for maintaining the University and the Agricultural Experiment Station are derived from the following sources: (1) Interest on the land grant endowment of $115,750; (2) the Morrill fund; (3) the Hatch fund; (4) the Adams fund; (5) the Smith-Hughes and the Smith-Lever funds; (6) the Purnell fund; (7) the Capper-Ketcham fund; (8) biennial appropriations by the state legislature; (9) fees and tuition; (10) income derived from the work of the Experiment Station and the College of Agriculture.

THE UNIVERSITY LIBRARY

The University Library comprises about 122,000 volumes. It subscribes for about 400 periodicals; not including the transactions of learned societies and publications of educational institutions.

The publications on law are shelved in the College of Law Building; the most important works on mathematics in the Department of Mathematics; and those on German in the Department of Germanic Languages and Literature; otherwise most of the collection is shelved in the Library Building. The works on engineering, chemistry, philosophy and education are shelved in the basement of the building; those on medicine on the first floor; and the publications on agriculture, the document, and the Package Library collections on the second floor of the building. Other classes of books are shelved in the stack room at the rear.

Students specializing in geology have access also to the Library of the West Virginia Geological Survey.

The Package Library collection, numbering from 12,000 to 15,000 pieces, more than 1,200 volumes of dramas, books and programs for special occasions, is intended chiefly for extension service; but it is open to students of the Department of Public Speaking, for debate and dramatic work.

Except during vacations and holidays the Library is open from 7:45 A. M. to 9:45 P. M., Monday to Friday; 7:45 A. M., to 7:45 P. M., Saturday; and 2 to 5 P. M. Sunday. During vacations the hours are from 8 to 12 A. M.

LABORATORIES

The University contains the following laboratories:

Agronomy	Oglebay Hall
Anatomy	Medical Building
Animal husbandry	Oglebay Hall
Bacteriology	Medical Building
Botany	Science Hall
Chemistry	Chemistry Building
Chemical engineering	Mechanical Hall
Clothing and textiles	Oglebay Hall
Dairy husbandry	Oglebay Hall
Educational psychology	Woodburn Hall
Electrical engineering	Mechanical Hall
Entomology	Oglebay Hall
Foods and nutrition	Oglebay Hall
Forging	Mechanical Hall
Foundry	Mechanical Hall
Fruit packing	Inwood, W. Va.
Geology	Chemistry Building
Hydraulic engineering	Mechanical Hall
Histology	Medical Building
Home management	Oglebay Hall
Horticulture	Oglebay Hall
Journalism	Woodburn Hall
Machine shop	Mechanical Hall
Metallurgy	Mechanical Hall
Mining engineering	Mechanical Hall
Mechanical drawing	Mechanical Hall
Oil and gas	Mechanical Hall
Pathology	Medical Building
Physiology	Medical Building
Physics	Martin Hall
Pharmacology	Medical Building
Pharmacy	Woodburn Hall
Pipe fitting	Mechanical Hall
Plant pathology	Oglebay Hall
Poultry husbandry	Oglebay Hall
Power	Mechanical Hall
Psychology	Library
Road material testing	Mechanical Hall
Sheet metal	Mechanical Hall
Testing	Mechanical Hall
Veterinary science	Oglebay Hall
Woodworking	Mechanical Hall
Zoology	Science Hall

A detailed description of the various engineering and agricultural laboratories as well as of the laboratories of the School of Medicine will be found in the announcements of these colleges or schools.

MILITARY TRAINING

Military training is prescribed for two years for all regular male students in the University. Certain exceptions to this requirement are stated in full in the detailed announcements of the Division of Military Science and Tactics in this catalogue.

Enrollment in the Division of Military Science and Tactics or appointment as a state cadet does not render the student liable for military service, either to the State or to the United States government.

ATHLETICS

The department of athletics is under the supervision of a director and an athletic board, composed of the director of athletics, two members of the University faculty, two alumni of the University, and two students. Football, baseball, basketball, wrestling, track, cross country and tennis teams are organized and trained each season. All University athletics are under the control of the Council of Administration. Questions of athletic eligibility are determined by the faculty, through the athletic board.

PHYSICAL EDUCATION

Physical education and hygiene are under the supervision and direction of the division of physical education.

Students entering the University for the first time (graduate students excepted) are required to take a medical examination preliminary to their enrollment in physical education. Those who are found to have physical defects, or who, for some other reason, are physically incapable of engaging in a regular physical education program, will have exercises prescribed to fit the needs of each. Those without physical defects will be required to take the regular work outlined by the department.

An opportunity will be offered for all men students of the University to engage in a regular recreational type of physical education during their four years of residence in the University. Physical education is required of all freshmen, two hours each week for two semesters.

Every man is required to demonstrate ability beyond that of a novice in at least three different activities, to be chosen by him from a list brought to his attention during his freshman year. For complete information, men should consult the bulletin of the Department of Service Program for Men.

An opportunity will be offered for all women students of the University to engage in a regular recreational type of physical education during their residence in the University.

Physical education is required of all women students during their freshman and sophomore years. Every girl is required to learn to swim, play skillfully one team game and one individual game, attain some skill in dancing, and gain a knowledge of hygiene in relation to wholesome living.

Women students devote three hours per week to the required work in physical education and hygiene. One hour credit each semester is given to those who satisfactorily complete these courses.

Note: For information regarding courses leading to the degree of Bachelor of Science in Physical Education, see announcements for the Division of Physical Education.

FRESHMAN WEEK

Freshman week activities were inaugurated at West Virginia University in September, 1929. The days set aside for these events in 1930 are September 11, 12, and 13. Attendance at these exercises is required of every entering freshman. A program of lectures, directions to entering students, exercises, and recreation is arranged to enable freshmen to adjust themselves the more easily to the environment of college life. Freshman registration will take place in the field house on Friday and Saturday, September 12 and 13. Every freshman should be on the campus and report at the meeting in Commencement Hall at nine o'clock in the forenoon of Thursday, September 11, 1930.

HEALTH SERVICE

All students of the University pay a medical fee of $2.50 each semester, in return for which they receive free drug service from the department of pharmacy of the University, and free medical attention, including minor surgery (specialties excepted) from the University physician.

Students wishing to avail themselves of the Health Service are expected to call at the office of the University physician. His office hours are 9 to 12 and 2 to 5 daily except Sunday.

If students are unable to leave their rooms the physician will attend them at their residences and may be summoned by telephoning 475 during office hours.

In case the student cannot communicate with the University physician he is privileged to call another physician, the University paying for this first call, but this service must be terminated after the first call unless the student wishes to pay for further services himself.

The University maintains a student infirmary, on the first floor of which are the waiting rooms and the offices of the physician and the nurse. On the second floor is an isolation room where students having a contagious disease may be isolated from the other students and treated.

A five-bed ward is maintained for the treatment of any student, who may require only a day or two of treatment, or for any student needing hospital treatment who is unable to pay for hospital service. This is not to be construed as general hospital service for the student body, nor does the University render nursing service at the rooms of the students. The student nurse is available only for such services as can be rendered at the infirmary.

UNIVERSITY FEES AND EXPENSES

Tuition and Fees for each semester.	Residents[1]	Non-residents
College of Arts and Sceinces	Free	$ 75.00
College of Engineering	Free	75.00
College of Agriculture	Free	75.00
College of Law	$25.00	150.00
School of Medicine	25.00	150.00
Summer School:		
Six Weeks	25.00	35.00
Twelve Weeks	30.00	40.00
Contingent fee	25.00	25.00
Student activity fee[5]	5.00	5.00
Medical fee	2.50	2.50
Registration fee[2]	2.00	2.00
Diploma fee[3]	10.00	10.00
Students' record fee[4]	1.00	1.00

REFUNDING OF TUITION AND FEES

Students who withdraw from the University for good and sufficient reasons during the first two weeks of the semester will have their fees refunded upon making application to the President.

COST OF A YEAR'S WORK

Board and lodging may be obtained in Morgantown for from $8.00 to $10.00 a week. Furnished rooms may be obtained at from $2.00 to $3.50 a week for each tenant with two in a room. Board in private families or in students' boarding clubs costs from $6.00 to $7.00 a week. A student's text books will cost usually from $8.00 to $30.00 a year, and his college fees $60.00 a year. Traveling expenses, clothing, and miscellaneous expenses will depend largely upon the tastes and habits of the individual. In general it may be said that the legitimate cost of a nine months' term of residence at the University ranges from $500.00 to $700.00, exclusive of traveling expenses.

See pages 54 and 55 for schedule of prices for rooms in the women's dormitories.

[1]Students are considered to be resident students if at the time of their registration their parents or guardians have been residents and citizens of the state for at least one year. No non-resident student shall gain residence entitling him to reduction or exemption from tuition merely by his attendance at the University.—Order of the Board of Education.

[2]As a reward for prompt registration this fee is remitted to all students who procure class cards during the first three days of the first semester, and the first two days of the second semester. Students whose work is exclusively in music are excused from payment of the $2.00 registration fee.

[3]The diploma fee is payable by all students at the beginning of the semester in which they expect to receive their degree or diploma.

[4]This fee is charged for furnishing a copy of a student's record in the registrar's office after the regular semester reports have been issued.

[5]The student activity fee of $5.00 a semester will hereafter cover only outside athletic events. A small entrance fee will be charged for admission to all athletic events taking place in the Field House.

ADMISSION TO THE UNIVERSITY

METHODS OF ADMISSION

Students are admitted to the University either by examination or on certificate from an accredited preparatory school. In the latter case the certificate must set forth the work of the student in detail. Diplomas or certificates of a general nature are not sufficient.

Candidates for admission to the University must be at least sixteen years of age. They must present certificates of good moral character and, if from other colleges or universities, must present letters of honorable dismissal.

Candidates for admission who do not present entrance certificates, or who come from other institutions of learning without letters of honorable dismissal, may, at the discretion of the Committee on Entrance, be allowed to register provisionally. In every such case the Registrar will make immediate inquiry of the institution from which the applicant comes and if satisfactory certificates of credit and good standing can not be obtained the registration will be cancelled and the fees paid by the applicant will be returned. A provisional registration will not ordinarily be continued for a longer period than one week.

ENTRANCE CREDITS

The requirements for admission to the various colleges of the University are stated in terms of units.

A unit in any subject represents the amount of work that may be done in a standard high school in a year of thirty-six weeks, with five recitation periods per week, of not less than forty minutes each. In courses where laboratory work is required, from two to three hours of laboratory work is considered the equivalent of one hour of recitation according to the amount of outside preparation required in connection with such work.

In accrediting West Virginia high schools the University follows the classification made by the state supervisor of high schools. Graduates of accredited schools receive credit for the work certified, with the understanding, however, that no student may enter any college of the University until he has credit for fifteen units, i. e., the work of a standard four-year high school course.

Graduates of the state normal schools and of all other schools in good standing will receive credit for work properly certified.

Certificates of entrance credits should be on the blank form prescribed by the University or on a similar form, so that credit values may be readily computed. These certificates should be sent in to the Registrar at least two weeks before the applicant presents himself for matriculation. Failure to do this may result in vexatious delay in registration and may render the student liable to the payment of the $2.00 registration

fee. After the certificate has been considered by the Committee on Entrance and the credits recorded, it becomes the property of the University and is permanently filed in the registrar's office.

PRESCRIBED AND ELECTIVE UNITS

A. Fifteen units of high school work are required for entrance to the University. Those who are going into the College of Education must make up an additional unit during the first or second year, in order to comply with the teacher training requirements of the State Board of Education.

B. The following groups are required:
   (1) Four units of English.[1]
   (2) Three units of a second subject.
   (3) Two units in each of two other subjects.

C. The work indicated in A must include: For admission to all colleges and schools, two units of mathematics—one of algebra and one of plane geometry. For admission to the College of Law, 2 units of a foreign language. For admission to the College of Engineering, 1½ units of algebra, 1 unit of plane geometry, and ½ unit of solid geometry. For admission to the School of Medicine, 2 units of a foreign language and 1 unit of history. For admission to the College of Education, 3 units of social studies and 2 units of science, including biology. For admission to the Course in Public Health, 1½ units of algebra, 1 unit of plane geometry, ½ unit of solid geometry, and 2 units of either French or German.

D. Work in the following subjects not to exceed the number of units placed after each subject will be accepted:

English	4 units
Foreign Languages[2]	
Latin	4 units
Greek	3 units
French	3 units
German	3 units
Spanish	3 units
Italian	3 units
Education	2 units
Science[3]	
Physics	1 unit
Chemistry	1 unit
Biology[4]	1 unit
Botany[4]	1 unit
Zoology[4]	1 unit
Geology	1 unit
General science	1 unit
Physical geography	½ unit
Physiology	½ unit

[1]A student may enter with only three units in English, but in that case he must take six hours in college English as elective above the minimum requirement for the degree for which he is a candidate.

[2]Not less than two units of one foreign language will be accepted for entrance unless supplemented by further work in college in the same language to complete a minimum equivalent to two units of entrance. Six hours of college work are regarded as equivalent to one entrance unit in a foreign language.

[3]A group of two or three units in science may be made by combining one unit each of any of the following: physics, chemistry, botany, biology, zoology, geology, general science.

[4]If a student presents either botany or zoology for entrance he may not have credit for more than one-half unit of biology; if he presents both botany and zoology, no credit in biology will be allowed.

Mathematics
- Algebra ..... 2 units
- Plane geometry ..... 1 unit
- Solid geometry ..... ½ unit
- Trigonometry ..... ½ unit

History and Economics[1]
- History ..... 3 units
- Civics ..... 1 unit
- Economics ..... 1 unit
- Sociology ..... 1 unit

Drawing
- Free-hand drawing ..... 1 unit
- Mechanical drawing ..... 1 unit

Music (applied) ..... 2 units

Commercial geography ..... ½ unit

Commercial law ..... ½ unit

Vocational subjects (not to exceed four units in all)
- Agriculture ..... 3 units
- Household arts ..... 3 units
- Manual training ..... 3 units
- Bookkeeping or bookkeeping and commercial arithmetic ..... 2 units
- Commercial arithmetic (alone) ..... ½ unit
- Shorthand ..... 1 unit
- Typewriting ..... 1 unit

Physical education ..... 1 unit

Hygiene and Sanitation ..... 1 unit

CONDITIONAL ADMISSION

Students who have credit for fifteen units of secondary school work but who can not meet the specific requirements (see A and B above) of the college they desire to enter may register as conditional freshmen in that college. Such students must make up all deficiencies before they can be classified as sophomores.

SPECIAL STUDENTS

Persons who do not desire to become candidates for a degree, may by permission of the Committee on Entrance and of the faculty or dean of the college which they wish to enter, be admitted as special students, subject to the following provisions:

1. Special students must as a rule be twenty-one years of age or over (twenty-two in the College of Law).

2. Special students must satisfy at least nine units of the requirements for admission, including two units of English. (For academic requirements for admission as special students in the College of Law see announcement of that college).

3. Every application for admission as a special student must be presented in writing to the Committee on Entrance and must set forth fully the applicant's reason, together with a detailed statement of the studies he desires to pursue.

[1]A group of three units may be formed by combining two units of history with one unit of civics, economics or sociology or with a half-unit each of any two of these subjects.

4. Special students are subjected in all respects to the usual rules relating to registration and scholarship. They may be assigned to classes for which they apply, it being understood, however, that admission to any class rests entirely with the instructor in charge, and further, that admission to any class when so granted does not necessarily imply credit for prerequisites.

ADVANCED STANDING

Applications for advanced standing on account of work of college grade done before entrance to the University should be made to the Committee on Entrance not later than two weeks after the applicant's matriculation. Certificates of college credit must be presented on a separate form from the entrance credits.

If no certificates are offered or if those offered are considered by the Committee on Entrance to be irregular or insufficient, the committee will arrange for an examination of the applicant. In this case the dean of the proper college will issue examination cards on which after examination the head of each department will report to the Committee on Entrance the numbers, names, and credit values of the courses, if any, for which the applicant is entitled to credit.

RULES AND REGULATIONS

CREDITS

A credit or semester-hour represents the amount of work done in one semester (eighteen weeks), in one recitation hour with two preparation hours a week. From two to three hours of laboratory work is considered equivalent to an hour of recitation, according to the amount of outside work assigned in connection with the laboratory hours.

Fewer than six hours in an ancient or modern language will not be counted toward any University degree, diploma or certificate unless work in the same language has been offered for entrance.

MAXIMUM AND MINIMUM WORK

A maximum and minimum number of hours for which a student may register in any one semester is established for each college. A student desiring to do irregular work, more or less than the prescribed number of hours in any college, must obtain permission from the Committee on Scholarship in that college.

Registration for more than the specified maximum work shall be permitted only for the removal of conditions or better adjustment of schedules and not in any case for the purpose of shortening the time regularly required for the work of the degree sought by the student.

If a student registers after the first week of either semester has passed, one hour is deducted from the maximum number of hours for each week of such delay in registration.

SUBSTITUTION FOR REQUIRED COURSES

A student who desires to substitute another course in place of any course prescribed in his curriculum or required for the degree toward which he is working, must obtain permission for such substitution from the Committee on Scholarship in his college, but there can be no substitution from group to group.

WITHDRAWAL FROM THE UNIVERSITY

A student who desires to withdraw from the University must apply to the Registrar for permission. When the withdrawal permit has been secured it must be presented by the student to his adviser for his approval and signature. It must then be filed by the student in the Registrar's office.

Students who withdraw from the University without permission will at the end of the semester receive a grade of "F" in each of the subjects for which they are registered and will be indefinitely suspended from the University. Students may not withdraw from the University or from any of the classes for which they are enrolled in the last two weeks of the semester.

ABSENCES

Students are required to be present at every recitation and examination of the courses for which they are registered. Punctuality, regularity in attendance, and attention to the work of the class room will be largely considered in determining the class grade of the student.

Administration of attendance regulations is in the hands of the dean of men. Excuses for necessary absence must be filed in his office within seven days after return to classes, and on special blanks provided for this purpose. University men who find it necessary to be absent from Morgantown while the University is in session must secure permission in advance from the dean of men. Women students must secure permission from the dean of women.

When a student has seven unexcused absences he may be suspended until the end of the semester or until the dean of his college, restores him to good standing. An unexcused absence on a day immediately preceding or following a holiday is counted as three absences.

Before the final examinations the dean of men reports all the unexcused absences of the semester to the instructors who give these absences consideration in making up their final grades.

If a student's absences in any course exceed twelve per cent of the total number of recitations in the course he is barred from taking the final examination unless special permission to take such examination is given him by the dean of the college concerned and by the instructor.

EXAMINATIONS AND GRADES

Examinations and Reports

In practically all courses offered in the University mid-semester and final examinations are held. Mid-semester grades are reported to students' advisers and to deans but are not recorded in the office of the Registrar. Final grades are reported to the Registrar and are recorded. A report of each student's work is made at the close of the semester either to the student himself or to his parent or guardian.

Marking System

The student's scholastic record for a semester is indicated by the following marking system:

A—Excellent
B—Good
C—Fair
D—Poor but passing
E—Condition
F—Failure
I—Incomplete
WP—Withdrew passing
WF—Withdrew failing

Conditions and Failures

If the final grade of a student in any course is "F" it is recorded as a "failure," and the student must take the course again if he desires to receive credit for it. If the final grade is "I" it is recorded as "incomplete." If a grade of "I" is not removed within the following semester by the satisfactory completion of the work of the course it becomes a failure. A student receiving a grade of "E" may be given a second examination in the subject in which such grade is received, provided he applies for it at the time of his next registration. A grade of "E" not removed within the following semester becomes a failure unless special permission to postpone the examination is obtained from the Committee on Scholarship of the college in which the student is registered. If the final grade after a second examination is again "E" it is recorded as a "failure." No grade higher than "C" shall be reported for the removal of a condition.

DELINQUENT STUDENTS

The dean of each college shall make suitable and effective provisions for handling delinquent students registered in his college, subject to the following general regulations:

Duties of Instructors

Instructors shall report the names of delinquent students to their respective advisers at the beginning of each school month except the month in which a mid-semester examination occurs and at such other times as the occasion may arise.

In the event that a student who has not been previously reported for delinquency fails in a subject, the instructor must report to the student's dean the reason for the failure.

No report should be made by an instructor until after a conference with the student. If the delinquency is a minor or temporary one, the instructor may await the result of his conference before reporting. Delinquent reports should include all failures to make a passing average and unsatisfactory work on the part of those who are capable of doing a higher grade of work.

All reports shall be made on special blanks and a copy of the report should be given to the student.

Duties of Advisers

All advisers, upon the receipt of the delinquent report, shall have a conference with the student concerned and shall endeavor to make such recommendations and adjustments as may be within their power.

If the delinquency is due to continued wilful neglect or to failure in one-half of the work for which the student is registered, the adviser shall report the case to the dean of his college, who may, at his discretion, place the student under the jurisdiction of the Committee on Scholarship, and thereafter the adviser shall carry out the orders and instructions imposed by the dean or the Committee.

Duties of the Committee on Scholarship

The Committee on Scholarship shall have authority to proceed according to its best judgment in regard to delinquent students referred to it for its consideration.

All orders of the Committee shall become effective when approved by the Dean of the College.

In the exercise of its authority, the Committee shall not suspend a student during a semester except for wilful neglect and in cases where the student's class grades are so low that further class attendance would be a waste of time. No suspension shall become effective until approved by the Dean of the College.

Probation and Suspensions

Any student who fails to make a passing grade in courses amounting to at least half of the total number of semester hours for which he is registered shall, unless restored to probationary standing, be suspended from the University for the succeeding semester, except that a freshman subject to the operation of this rule at the end of one semester in residence shall be placed on probation for the succeeding semester.

If, however, the student is enrolled in the School of Medicine, or if the failure resulted from the abandonment of any class, or from withdrawal from the University without permission, or to absence from examination without reasonable excuse, the suspension becomes indefinite.

If a student suspended by the operation of the above rule re-enters the University and again becomes subject to it, his suspension becomes indefinite.

Any student who fails to make a passing grade in courses amounting to at least half of the total number of semester hours for which he is registered, as shown by the preliminary or mid-semester report, shall be placed on probation for the remainder of the semester.

The dean of each college shall make periodic reports of the problems arising from delinquent students to the Council of Administration.

All actions of the Committee on Scholarship and the dean of the college that affect the standing of a student shall be reported by the dean to the Registrar.

WORK DONE OUT OF RESIDENCE

It is the policy of the University to discourage the taking of regular residence courses *in absentia.* In the case of courses begun at the University and not completed because of illness or for other acceptable reasons, however, permission to complete the work *in absentia* under the direction of the regular University instructors giving the courses may be granted by the Committee on Scholarship; but in such case credit should be given only upon report of a grade of not less than "C" on final examination.

The foregoing regulation does not apply to University extension courses.

STUDENT MARRIAGES

If any student under the age of twenty-one years, who has not been previously married, intends to marry within the school year, he or she must obtain the consent of the father or guardian, or if there be none, of the mother of such student, before such marriage shall be celebrated, in accordance with the provisions of section 2, chapter 63, of Barnes' West Virginia Code of 1923.

In order to insure obedience to both the letter and the spirit of this statute and the policy of the University such student must, not less than one week before the celebration of said marriage, show satisfactory evidence to the Dean of Men (or the Dean of Women in case the student is a woman) that the consent of the parent or guardian as required by that statute has been obtained.

In the event that such student does not make such showing to the Dean of Men or Dean of Women, whether the marriage be celebrated within or without the state, he or she shall, from the date of the celebration of such marriage, be automatically suspended, and may only be reinstated upon showing satisfactory reason to the Council of Administration why he or she failed to comply with this regulation.

Where both parties to the marriage are students and one has not complied with the above rule, both shall be suspended as provided above.

DEGREES

All University degrees are conferred by the Board of Governors upon recommendations of the University faculty. Degrees are granted at the close of the term or semester in which the students complete their work.

Candidates must be present in person to receive their degrees unless excused by the Board of Governors.

BACCALAUREATE DEGREES

Credits Required

The various baccalaureate degrees conferred by the University and the number of semester hours of work required for each degree are as follow:

	Hours
Bachelor of Arts, (A. B.).	
Regular course	128
Combined course, preliminary to degree in law (96 hours in College of Arts and Sciences and first year course, 28 hours, in College of Law).	124
Combined course, preliminary to degree in medicine (64 hours in College of Arts and Sciences and first, 37 hours, in the School of Medicine).	133
Bachelor of Science, (B. S.).	
Combined course, preliminary to degree in medicine (64 hours in College of Arts and Sciences, and two years' work, 68 to 72 hours, in School of Medicine).	140
Combined course, preliminary to degree in engineering	128
Bachelor of Laws, (LL. B.) (64 hours in the College of Arts and Sciences and 84 hours in the College of Law).	148
Bachelor of Science in Mechanical Engineering, (B. S. M. E.)	148
Bachelor of Science in Civil Engineering, (B. S. C. E.	148
Bachelor of Science in Electrical Engineering, (B. S. E. E.)	148
Bachelor of Science in Engineering of Mines, (B. S. E. M.)	148
Bachelor of Science in Chemical Engineering, (B. S. Chem. E.)	148
Bachelor of Science in Agriculture, (B. S. Agr.)	144
Bachelor of Science in Home Economics, (B. S. H. E.)	128
Bachelor of Science in Education	130
Bachelor of Science in Public Health	142
Bachelor of Science in Physical Education	128
Bachelor of Science in Pharmacy	144
Bachelor of Music	136

Requirements as to Residence

Students who come to the University from other colleges or universities are advised to make the transfer not later than the beginning of the junior year and in no case will a student who matriculates in the University later than October 1 in any year be permitted to receive a degree at the next commencement.

In special cases students who desire to leave the University at the close of the junior year to enter another institution with the purpose of taking a combined course leading to two degrees or of preparing for graduate study may, upon application beforehand to the Committee on Scholarship of the college in which he is registered, be permitted to do the work of the senior year, or a part thereof, at such other institution and to receive the bachelor's degree from the University upon the presentation of the proper credits.

In no case, however, will a student be granted a bachelor's degree from this University who has not done either a total of ninety hours of his work or the last thirty hours of it in actual residence at the University.

GRADUATE DEGREES

The University does not confer the degree Doctor of Philosophy, but will certify to other institutions such graduate work as may be applicable toward this degree. Plans are now under consideration looking toward the establishment in 1930 of a graduate school and of graduate courses and work leading to the degree of Doctor of Philosophy.

The University confers the following master's degrees: Master of Arts (A. M.), Master of Science (M. S.), Master of Science in Mechanical Engineering (M. S. M. E.), Master of Science in Civil Engineering (M. S. C. E.), Master of Science in Electrical Engineering (M. S. E. E.), Master of Science in Engineering of Mines (M. S. E. M.), Master of Science in Chemical Engineering (M. S. Ch. E.), and Master of Science in Agriculture (M. S. Agr.).

For further information regarding graduate work see the bulletin containing announcements of graduate courses.

GENERAL INFORMATION

DISCIPLINE

The rules and regulations which students are required to observe are few, simple and reasonable: Civil and orderly conduct; punctuality and regularity in attendance upon all required exercises; reasonable diligence in the performance of the work prescribed and abstinence from vices.

Students who do not comply with these requirements will not be allowed to remain in the University.

All matters of discipline are in charge of the President of the University in consultation with the dean of the college or head of the division of the University in which the student concerned is enrolled.

THE CONVOCATION

The University Convocation is held every Wednesday morning at ten o'clock in Commencement Hall, under the direction of the chaplain of the University. No classes or University exercises are held at this hour, and opportunity is afforded for all members of the University, both instructors and students, to attend the meeting. The hour is occupied by lectures and addresses, discussions of student interests and problems, and the consideration of questions relating to the general University welfare.

In connection with the weekly convocation, brief devotional exercises are held. The singing at these exercises is in charge of the director of the School of Music. Attendance is entirely voluntary.

THE CHRISTIAN ASSOCIATIONS

The University Christian associations are voluntary associations of college students for the purpose of promoting and directing widely varied student activities for a religious motive. Through their national and inter-national organizations they join in fellowship with students around the world. Membership is open to all students of the University who are in agreement with their respective purposes. The Y. W. C. A. office is on the second floor of Elizabeth Moore Hall.

THE ALUMNI SECRETARY

Under the joint auspices of the University and the University Alumni Association an alumni secretary is employed who gives his full time to the promotion of the interests of the Association and the furthering of closer contact and cooperation between the University and its graduates and former students. Mr. Frank Roy Yoke of the class of 1903 is the present secretary. His office is in the Library.

AMERICAN ASSOCIATION OF UNIVERSITY PROFESSORS

The West Virginia University Branch of the American Association of University Professors now has a membership of more than fifty. The present officers are: Professor R. A. Armstrong, president, and Professor F. E. Clark, secretary.

HONOR SOCIETIES

PHI BETA KAPPA. The Alpha of West Virginia Chapter of the Phi Beta Kappa Society is established at the University. Stated meetings or public exercises of the society are held twice annually: The anniversary meeting on December 5, and the annual meeting during commencement week. The honor of membership may be conferred upon candidates for the degree of Bachelor of Arts who have maintained a high scholarship rank during their college course; also upon members of the faculty and alumni of the University, and upon distinguished citizens of the state.

SIGMA XI CLUB. The national organization of the Society of the Sigma Xi is represented in the University by the Sigma Xi Club of West Virginia University. The purpose of the national society and of the local club is the encouragement of scientific research.

TAU BETA PI. The West Virginia Alpha chapter of the national engineering honor association of Tau Beta Pi was established in the College of Engineering in 1922. Students who rank in scholarship among the upper one-eighth of their class are eligible to election in their junior year and all who rank among the upper one-fourth of the class are likewise eligible in their senior year. These together with alumni and honorary members constitute the chapter.

ALPHA ZETA. The West Virginia chapter of Alpha Zeta, the national agricultural honor fraternity, was instituted in the College of Agriculture in 1921. Sophomores and upper classmen who maintain high standing in scholarship and rank among the upper two-fifths of their respective classes are eligible to membership.

PHI UPSILON OMICRON. The Lambda chapter of Phi Upsilon Omicron, one of the national professional organizations in home economics, was established at the University in November, 1923. Its purpose is to promote the moral and intellectual development of its members, to help to develop leadership, and to advance home economics. Membership is open to juniors and seniors in home economics who rank in the upper two-fifths of the class in scholarship.

PHI LAMBDA UPSILON. Tau chapter of Phi Lambda Upsilon, national honorary chemical fraternity, was established at the University in

1924. The chief object of the society is the promotion and protection of high scholarship and original investigation in all branches of pure and applied chemistry. Seniors and juniors who have attained a high standard of scholarship and character are eligible for membership in the chapter.

SIGMA GAMMA EPSILON. Upsilon chapter was established at West Virginia University in 1927. The fraternity has for its objects the social, scholastic and scientific advancement of its members, the extension of the relations of friendship and assistance between the universities and scientific schools with recognized standing in the United States and Canada, and the upbuilding of a national college society devoted to the advancement of geology, mining, metallurgy and ceramics. Seniors and juniors in the courses indicated, who have attained high scholarship rank are eligible for membership.

ORDER OF THE COIF. A chapter of the Order of the Coif, a national law school honor society, was installed in 1925. Its members are selected by the law faculty from the ten per cent of the senior class in the College of Law ranking highest in scholarship.

STUDENT ORGANIZATIONS

There are in the University various societies and clubs, devoted chiefly to the educational, social, and athletic interests of the students.

Some of the more important of these organizations are: The English Club, The Beowulf Gedryht, The Press Club, The Philhellenic Club, The West Virginia University Scientific Society, The Engineering Society, The University Grange, The Block and Bridle Club, The Anthony Dairy Club, The University Dramatic Club, and The University Choir.

A number of Greek letter fraternities and sororities have established chapters at the University and most of these occupy their own chapter houses.

WOMEN'S STUDENT GOVERNMENT ASSOCIATION

All women students of the University whose homes are not in Morgantown, whether they live in the dormitories, in sorority houses or in rooming houses in town, are members of the Student Government Association. The purpose of this association is to regulate all matters pertaining to the student life of its members, to further in every way the spirit of unity among the women of the University, to increase their sense of responsibility, and to be a medium for maintaining a high scholastic standard.

The officers of the association include a president, vice-president, secretary, and treasurer. Representatives from each class, and house-

presidents, with the officers, constitute an executive board, which fixes all rules of the association and enforces penalties for their violation. The officers and members of the executive board are elected annually by the association. The board is responsible to the faculty advisory board of the association for all matters pertaining to the social life of the students. The advisory board consists of the dean of women and two other members of the faculty appointed by the President of the University.

In 1921 the association was admitted to active membership in the Intercollegiate Association of Student Government for Women Students.

UNIVERSITY PUBLICATIONS

The following publications are now issued regularly at the University:

1. The West Virginia University Bulletins, issued monthly or semi-monthly during the College Year. The series includes the Catalogue of the University, the Announcements of the various separate colleges and schools and the quarterly Alumni Bulletins.
2. The various bulletins and circulars of the Agricultural Experiment Station.
3. The bulletins of the College of Engineering.
4. Circulars of the Agricultural Extension Division. These include the Farmers' Club Series, the Farm Women's Club Series, and the 4-H Suggestion Series.
5. The West Virginia Law Quarterly, the official publication of the West Virginia Bar Association, edited by the faculty of the College of Law.
6. The Bulletin of the West Virginia University Scientific Association.
7. The Proceedings of the West Virginia Academy of Science.

STUDENT PUBLICATIONS

The Athenæum, a tri-weekly college newspaper, is published by the students, who elect the editorial staff.

The College Annual, The Monticola, is published by the junior class.

The West Virginia Agriculturist, an illustrated monthly magazine, is issued by the students of the College of Agriculture.

All student publications are under the supervision of a faculty committee on student publications.

STUDENT SOCIAL LIFE

The social life of the students in the University is under the general supervision of the faculty Committee on Social Affairs. This committee has supervision of every social function given by the University or by

any organization within it, including fraternities, sororities and other student societies. Such social functions as balls, dances, picnics, excursions, and receptions are supervised by this committee. The committee approves all dance programs, supervises the issuance of invitations for functions of a general University nature and sees that all social affairs held in the University are properly conducted.

THE DEAN OF MEN

The dean of men is the contact officer between the administration and the men students of the University. He exercises a friendly supervision over the moral, social, and intellectual life of undergraduates. He is responsible for the administration of the rules regarding absences. He is a member of the faculty committee on social affairs. The dean's office is in Martin Hall.

THE DEAN OF WOMEN

All the interests of the women students of the University are in charge of a special executive officer of the University, the dean of women. She is a member of the advisory board of the Student Government Association and also of the faculty social committee. The dean's office is in Elizabeth Moore Hall.

LIVING ACCOMMODATIONS FOR WOMEN

All women in the University except those living at home are required to live in the dormitories, sorority houses, or in rooming houses approved by the dean of women.

Preliminary application for rooms should be made to the dean of women. Changes in rooming places made after the beginning of the semester may be made only with her approval.

The Woman's Hall has rooms for 108 students and has a dining room which accommodates 300. The Annex has rooms for 40; Boughner House, for 37. Lists of approved rooming houses may be secured from the dean. Rooms may be engaged in advance in the dormitories upon the payment of a retaining fee of $10. This amount is refunded at the end of the year, less any deduction for damages to room or furnishings. A student who, for any good reason, desires to relinquish a room thus engaged may have the fee refunded if she gives notice before August 15.

The cost of rooms in the women's dormitories is as follows:

Woman's Hall:

First and second floor front	$90.00 a year
First and second floor rear	85.00 a year
Third floor front	85.00 a year
Third floor rear	80.00 a year

Annex:

Single room	80.00 a year
Double room	$65.00 to 75.00 a year

Boughner House:

First and second floors	85.00 a year
Third floor	75.00 a year

Board in the dining hall ..... $126.00 a semester
payable at the opening of semester

BOARDING AND ROOMING PLACES

The matter of furnishing information to new students regarding suitable boarding and rooming places is in charge of the dean of men and the dean of women. On arrival in Morgantown freshman men should come directly to Martin Hall, where they will find complete lists of approved rooms and boarding places and also upper-classmen who will help them in finding lodgings and in matriculating. During the opening days of the semester, committees from the two Christian associations meet new students at trains and are ready to render them every assistance possible.

Young men desiring information in advance of their arrival in Morgantown, may address Dean H. E. Stone, Morgantown, W. Va. Young women may address Dean Martha T. Fulton.

AID TO STUDENTS

Employment service is maintained by the Y. W. C. A. for the assistance of earnest, capable and worthy young women. Those desiring such aid may write to the secretary of the Association.

An employment bureau for men is maintained in the office of the Dean of Men. Application blanks may be filed in his office in Martin Hall. Letters of application should contain information as to age, education, past experience, and type of work desired. Many University students are employed in the University cafeteria, in boarding clubs, and in retail stores.

Unless absolutely necessary, freshmen should attempt no outside work in self support until after mid-semester grades have been received. Experience has made it clear that only the exceptional student can engage in outside work or activities during the first semester without danger of scholastic failure.

FELLOWSHIPS AND SCHOLARSHIPS

D. A. Burt Fellowships in Chemistry

Five graduate fellowships in Chemistry, bearing an annual compensation of $500 each, have been established by the Hon. D. A. Burt. They are open only to residents of the State of West Virginia.

Research Fellowships in Coal Mining

Two research fellowships in coal mining have been established, each for two years, awarded in alternate years. Research fellowships in other lines of investigation, supported by private companies ,are available from time to time. The holders of these research fellowships are members of the Engineering Experiment Station staff and are required to spend one-half of their time on Station projects and the other half in graduate study.

American Bankers Association Foundation for Education in Economics Loan Scholarships

The American Bankers Association Foundation for Education in Economics has assigned to West Virginia University three scholarships of $250 each. These scholarships will be "awarded only to deserving students of integrity, intelligence, character, competency, and aptitude, whose means of support are dependent wholly or in part on their own labor, to enable them to continue the study of courses in banking and economics in classes of junior grade or above. Scholarship of the highest rank will not be a definite requirement for a loan scholarship award; however, the Foundation desires to encourage students who will become leaders in professional or business life and does not wish loan scholarships granted to mediocre or inferior students." The holder of one of these scholarships is eligible for one re-appointment. The loan is without interest until the first day of the second January after the recipient leaves the University. Beginning on that date, interest accrues at the rate of five (5%) per cent per year, and repayment of both principal and interest in sums of not less than $10 monthly must likewise then begin.

Award of these scholarships is made by the Foundation on recommendations made by a committee of which the head of the Department of Economics, Business and Sociology is chairman. Application for appointment must be submitted to the chairman of the committee on blank forms obtainable from him not later than April 30 of the year preceding that for which the loan is desired. Result of the application will be announced not later than July 1 immediately succeeding.

Walter Haines South Memorial Scholarship

Miss Winifred Orienta South of Morgantown has recently created The Walter Haines South Memorial Scholarship. This scholarship, open to deserving boys, involves a total of $500 per annum. This fund has been placed in the hands of the West Virginia University Student Loan Fund Corporation for administration. Under the plan of operatoin of this fund, some one person will be selected who will receive the entire amount of this scholarship fund, without interest, while he is an undergraduate. The amount loaned will be repaid over a period of four years after graduation.

J. D. Finley Loan Fund

A fund of $1000 has been contributed to the University by the trustees of J. B. Finley, of Pittsburgh, Pa., in accord with his last will and testament, to be used as loans to deserving students in Medicine.

West Virginia Bar Association Scholarship

At the 1928 meeting of the West Virginia Bar Association, a resolution was adopted to create "The West Virginia Bar Association Scholarship," which provides for the payment of $300.00 annually to the student in residence in the College of Law of West Virginia University, who, in the opinion of the law faculty, has during his first and second year work shown the highest qualities of scholarship and character, and whose personality gives promise of developing a high standard of professional ethics and accomplishment; the said scholarship to be immediately announced and first given to a member of the class of 1931.

PRIZES

The Bryan Prize in Political Science

The late Hon. William J. Bryan has given a sum of money, the actual income of which is to be offered as a prize to the student in the University who shall write the best essay on some subject in the science of government. The amount of the prize for the present is $21.00. The subject assigned for the year 1930-31 is, "A Suitable Short Ballot for West Virginia."

The Tax Commission Prize

The members of the State Tax Commission of 1902, W. P. Hubbard, Henry G. Davis John K. Thompson, L. J. Williams, and J. H. Holt, gave the sum of $1,350, later increased by unawarded sums to $1,500, the income of which is to be used annually as a prize for the "best original

work bearing on matters of taxation in West Virginia." The conditions of competition are determined by the Council of Administration. The amount of the prize at present is $90.00. The subject assigned for 1930-31 is, "Should the Gross Sales Tax Be Abolished in West Virginia?"

The James F. Brown Prize

Mr. James F. Brown, an alumnus of the University, "with a desire to stimulate the young men of the State to fuller consideration of the 'inalienable right' of mankind, and especially those guaranteed by the Constitution of the State and of the United States," has contributed to the University the sum of five thousand dollars, the income of which is to be "used as a prize for the best essay or paper each year on the subject of the individual liberties of the citizen as guaranteed by the Constitution." The income may be given as a single prize, or it may be divided into a first and second prize. For the present the award will be made as a single prize, $300.00 in amount. Any senior or any graduate of any college of the University, within one year after receiving any bachelor's degree, may compete for this prize, but no holder of any graduate degree may become a competitor. The subject assigned for 1930-31 is, "Constitutional Limitations on the Regulation of Employment Contracts."

American Law Book Company Prize

The American Law Book Company has continued its offer of a set of Corpus Juris complete to date to the student in the course in Use of Law Books who makes the highest grade in the series of tests furnished by that company.

The Waitman Barbe Memorial Prize

The English Club of West Virginia University offers an annual prize of $25 in memory of Waitman Barbe, poet, scholar, and adviser of the English Club. The prize shall be awarded to some student regularly enrolled as a junior or senior in West Virginia University, for creative work in the field of literature, either prose or poetry, or both. The minimum length of such composition must be 4000 words in prose or 100 lines in poetry.

The Inter-Fraternity Scholarship Trophies

Arleigh Lee Darby, Professor of Romance Languages, offers a silver cup known as the Inter-Fraternity Scholastic Trophy. It is awarded at the end of the year to the fraternity having the highest average scholarship standing for that year and is to remain in the possession of that fraternity during the following year. The cup becomes the permanent property of the fraternity that first wins it five times.

The College of Arts and Sciences

THE ORGANIZATION OF THE COLLEGE OF ARTS AND SCIENCES

The College of Arts and Sciences is organized into a lower division and an upper division. The lower division consists of the work of the freshman and sophomore years, and the upper division consists of the work of the junior and senior years. This organization shall become effective July 1, 1930, but students who entered this College prior to that date may either meet the new requirements or meet the requirements in effect prior to July 1, 1930.

For statement of entrance requirements see page 39.

LOWER DIVISION

Main Objectives

The curriculum of the College of Arts and Sciences has three main objectives:

1. **General Culture.** The work of the lower division is intended to complete what is usually termed a "general education." It rounds out the program of study pursued in the high school. It is based on the belief that the student should become familiar with different fields of knowledge to the end that he may select wisely the field for specialization. This general culture should include studies in English, at least one foreign language, natural science, and the social sciences. In the selection of subjects or groups in the lower division, the student should be guided somewhat by the nature of the subjects taken in the high school so that by the close of the sophomore year the student will have a general acquaintance with various fields of knowledge.

2. **Opportunity for Specialization.** The work of the upper division is intended to provide intensive study in one or two fields of knowledge. It is based on the belief that an educated man or woman should not only know the fundamentals of several branches of study but should have a rather thorough knowledge of some selected field. In the upper division, therefore, the student concentrates on a major and one or two minors.

3. **A Reasonable Freedom of Electives.** The curriculum of this college is sufficiently flexible to meet the needs and tastes of individual students without, at the same time, exposing the students to the disadvantages of a free elective system.

Curriculum of the Lower Division

(a) **General University Requirements.**
Military Science (men)—4 hours.
Physical Education (men)—2 hours.
Physical Education (women)—4 hours.

(b) **Foreign Language.** The purpose of this requirement is to provide the student with a reading knowledge of at least one foreign language. The minimum requirement is 12 semester hours in not more than two languages. The language work should ordinarily be a continuation of that done in high school to the point where the student has a fair reading knowledge of that language. For good and sufficient reasons a language other than that taken in high school may be substituted with the approval of the adviser. A student who contemplates a complete college course and possibly graduate work should, while in the lower division, acquire a reading knowledge of one language and the beginning course in a second language. Ordinarily these languages should be French and German. Some of the student's elective hours may be used to supplement the minimum requirement of 12 semester hours in a foreign language.

(c) **English Composition.** Ordinarily six hours of English composition (English 1 and 2) will be required of all freshmen. In case a freshman is not qualified to meet the requirements in English 1, as shown by placement or other tests, he (or she) will be assigned to English 1C, which carries three hours of University credit. Upon the successful completion of the work in English 1C the student will register for the regular work in freshman composition.

(d) **Natural Science.** At least 8 semester hours of a laboratory science chosen from the following list: botany, chemistry, geology, physics, zoology, biology.

(e) **Additional.** At least 6 semester hours in each of three of the following:

(1) English (additional to c), Journalism, or Public Speaking.
(2) Foreign language (additional to b).
(3) Mathematics.
(4) History.
(5) Political Science.
(6) Economics or Sociology.
(7) Philosophy and Psychology.
(8) Home Economics.

(f) **How to Study.** Students whose average in all high school subjects was below 75%, or who ranked in the lowest one-fourth of the high school graduating class, will be required to register for the course, How to Study, given under the direction of the Department of Psychology. The course carries 3 semester hours of credit. It may be elected by any freshman.

(g) **Electives**, under the supervision of the adviser, to make a total of 64 semester hours. Ordinarily freshmen should register for required courses. Electives should be used in the sophomore year chiefly in meeting the preliminary requirements of the departments in which the student expects to do the work of the major and minor (or minors) in the upper division.

The Junior Certificate

Students who meet all of the requirements of the lower division will be awarded the junior certificate in the College of Arts and Sciences. This certificate or its equivalent is required for admission to the upper division.

Experience has shown that students whose average in all high school subjects was below 75%, or who ranked in the lowest one-fourth of the high school graduating class, or those who make a low score on the intelligence test, will probably not succeed in college work. Such students should generally not be encouraged to become candidates for a degree, or perhaps not even candidates for the junior certificate unless or until they demonstrate by work in this College that they are qualified for regular college work. Such students, as well as those who do not expect to spend more than one or two years in this College and who are not candidates for the junior certificate may, with the approval of the adviser, elect such lower division courses as they are qualified to pursue with profit.

Adviser

Each student in the lower division is assigned to an adviser who will assist in registration and who will have general supervision over the work of the student. Electives are chosen and changes in the program are made with the approval of the adviser. Students are urged to confer with advisers in respect to any difficulties or maladjustments in college life.

UPPER DIVISION

Curricular Requirements

1. A major sequence of 18 to 24 semester hours of upper division courses, preceded by the proper lower division courses prescribed as preparation for the major. This work should represent a coherent and progressive sequence of courses as outlined in the departmental announcements. The major subject will be selected when the student registers in the upper division, but the student must plan the work in the lower division in such way as will meet the departmental requirements for the major and minor.

2. A minor sequence of 9 to 12 semester hours of upper division courses in some department closely related to the major department. At the option of the major department, a second minor of 6 semester hours may be required in a second department closely related to the major department.

3. Electives, under the supervision of the departmental adviser, to make a total of 128 semester hours. At least 52 of the 64 semester hours in the upper division must be selected from upper division courses. A departmental adviser may permit a student in the upper division to elect lower division courses to an amount not exceeding 12 semester hours when such action will be an advantage to the student in connection with the major or minor sequence, but honor points will count only at the rate of one honor point per credit hour.

The Major Subject

At the close of the sophomore year the student must select as his major study one of the following subjects:

English	Spanish	Chemistry
Public Speaking	Political Science	Mathematics
Journalism	History	Botany
Classics	Economics	Zoology
German	Sociology	Entomology
French	Philosophy	Geology
Italian	Physics	Home Economics

Each student in the upper division is assigned to an adviser in the department to which the major subject belongs. The program of study and all changes in class assignments must be approved by the adviser.

REQUIREMENTS FOR DEGREES

BACHELOR OF ARTS DEGREE

Only one baccalaureate degree is regularly conferred in the College of Arts and Sciences, that of Bachelor of Arts.

The degree of Bachelor of Science is conferred only as a first degree upon candidates who are pursuing either the combined science and engineering course, the combined science and agricultural course, or the combined science and medical course.

Amount of Work Required

No student is permitted to register for less than fourteen hours nor more than eighteen hours work in any one semester or for more than thirty-four hours in any one year.

The baccalaureate degree in the College of Arts and Sciences is conferred upon any student who complies with the general regulations of the University concerning degrees, satisfies all entrance and departmental requirements, and secures credit for the required number of semester hours and the required number of honor points.

Students transferring to West Virginia University from other institutions should ordinarily do so not later than the beginning of the junior year. Such students must meet all the requirements of the lower division. All deficiencies for the junior certificate must be met as soon as possible after admission to this college, whereupon such student may register regularly in the upper division.

Fewer than six hours in an ancient or modern language will not be counted towards any degree, diploma, or certificate in this College unless work in the same language has been offered for entrance.

At least six hours must be taken in each subject offered as an elective, but not more than nine hours of credit in isolated courses of less than six hours credit value each, elected with the approval of the adviser, may be offered.

Work not to exceed fifteen hours in the College of Law, the College of Agriculture, the College of Engineering, the School of Music, or the Division of Physical Education, or twenty hours in the College of Education, may be included in the list of elective credits offered by students in the College of Arts and Sciences. The total number of hours elected from other colleges shall not, however, exceed twenty-four in all.

The maximum amount of credit allowed in any one subject is ordinarily thirty-six hours. Subject to the approval of the Scholarship Com-

mittee, the amount of work in the major may be extended, but in no case shall it exceed forty-five hours in any department.

A condition or an "incomplete" must be removed during the next semester in which the student is registered in the University or it automatically becomes a failure.

COMBINED COURSES

(For students who desire to take a combined course in two colleges in six years.)

Law

Students who desire to secure the A. B. degree before the degree of LL. B. may complete the requirements for both degrees in six years by following the program given in the announcements of the College of Law. Upon entrance into the upper division, such students will select a major and a minor and announce to the departmental adviser in charge of the major their intention to take the combined course. These students will complete twelve to fifteen hours of work in the major and nine to twelve hours of work in the minor, together with a sufficient number of electives to make a total of ninety-six semester hours. The successful completion of the entire first year of work in the College of Law will satisfy the remaining requirements for the A. B. degree.

Engineering

Students who desire to secure the B. S. degree before the bachelor's degree in the College of Enginering may complete the work of both degrees in six years or less by following the curriculum as outlined in the announcements of the College of Engineering.

Agriculture

Those who desire to secure the B. S. and B. S. Agr. degrees must follow the curriculum outlined in the announcements of the College of Agriculture.

Medicine

Students who have completed three years of college work, totaling ninety-six semester hours, and have fulfilled all the requirements of the special course designed for this group of pre-medical students, may elect the first year of the curriculum of the School of Medicine and receive the Bachelor of Arts degree upon its completion.

Students who desire to secure the B. S. degree with a view to proceeding to the study of medicine and who announce this intention on entering the freshman class will be excused from the foregoing general requirements and may secure the degree of B. S. by taking sixty-four hours' work in the College of Arts and Sciences and the course in the School of Medicine.

The following courses are planned for students preparing for the study of Medicine.

A. A course leading to the Bachelor of Science in medicine. This course has the bare minimum requirements and has little of the cultural subjects. It requires a total of one hundred and forty hours distributed as follows:

First Year, First Semester

	Hrs.
English 1	3
Chemistry 3	4
Zoology 1	4
German or French	3
Military Science	1
	15

First Year, Second Semester

	Hrs.
English 2	3
Chemistry 4	4
Zoology 2	4
German or French	3
Military Science	1
	15

Second Year, First Semester

	Hrs.
Physics 1	3
Physics 3	1
Chemistry 15	3
Chemistry 63	3
Psychology 1	3
French or German	3
Military Science	1
	17

Second Year, Second Semester

	Hrs.
Physics 2	3
Physics 4	1
Chemistry 36	6
Zoology or Psychology	3
French or German	3
Military Science	1
	17

Two years of Medicine, 76 Hours.

B. A course leading to the degree of Bachelor of Arts with three years in the College of Arts and Sciences and one year in the School of Medicine, with Chemistry as the major subject. The first two years of this course are identical with the first two years of the course leading to the degree of Bachelor of Science in medicine.

Third Year, First Semester

	Hrs.
English	3
Economics	3
History	3
Chemistry 207	2
Zoology 107 or 231	3
Modern Language	3
	17

Third Year, Second Semester

	Hrs.
English	3
Economics	3
History	3
Chemistry 238	5
Modern Language	3
	17

One year of Medicine.

C. The first two years of this course are identical with the first two years of the course leading to the degree of Bachelor of Science in medicine. The third year of this course is identical with the third year of the curriculum leading to the degree of Bachelor of Arts with three years in the College of Arts and Sciences and one year in the School of Medicine.

Fourth Year, First Semester	Hrs.	Fourth Year, Second Semester	Hrs.
Chemistry 105	4	Chemistry 262	4
Physics	3	Zoology 210	3
Electives	8	Electives	8
	15		15

Senior elective courses must be chosen from the upper division of the following subjects: chemistry, economics, geology, history, modern languages, philosophy and zoology.

GRADUATE DEGREES

There are two advanced degrees conferred in the College of Arts and Sciences: Master of Arts and Master of Science. For the conditions upon which these degrees are granted see the announcement of graduate courses and degrees in the latter part of this catalogue.

CLASSIFICATION OF STUDENTS

To be classified as a freshman in the College of Arts and Sciences a student must have credit for at least fifteen units of entrance requirements; to be classified as a sophomore he must have fulfilled all entrance requirements and have credit for twenty-five hours of college work; as a junior, fifty-eight hours; as a senior, ninety-two hours.

HONOR POINTS

The quality of a student's work shall be indicated by **honor points** according to the following plan:

A grade of A carries 3 honor points per credit hour.
A grade of B carries 2 honor points per credit hour.
A grade of C carries 1 honor point per credit hour.
A grade of D carries 0 honor point per credit hour.

The student must receive at least as many honor points as credits in order to be eligible for graduation.

A student may decrease the total number of hours required for graduation by doing work of a superior quality. For each eight honor points in excess of one honor point per credit hour, the number of credit hours required for graduation shall be diminished by one. This regulation applies only to the total number of credits required. It does not apply to specific requirements for the degree.

EXTENSION COURSES

As a part of the University Extension Service the College of Arts and Sciences since the year 1916 has conducted at several centers in various parts of the State extension courses for which regular college credit has been given. The work given in the extension courses corresponds in every particular, as to class requirements and credits, with that given in similar courses on the campus. Similar extension courses will be provided in other parts of the State when the appropriations of the University will permit.

The giving of extension courses is subject to the following conditions: (1) Courses will not be organized at any place unless the demand is sufficient to justify it. (2) Courses offered by resident instructors will be given in Morgantown and in nearby places easy of access, generally on Friday afternoons and Saturdays. (3) Regular extension instructors will offer courses only in such places as can be reached from their headquarters.

COURSES OF INSTRUCTION

The following abbreviations are used in the announcements of courses:

I—a course given during the first semester
II—a course given during the second semester
I, II—a semester course given each semester
Hrs.—number of credit hours per semester

A complete statement showing the name, number and description of each course, number of credit hours, days on which class meets, name of instructor, room number, and building, appears in a semester schedule published at the beginning of each semester.

Plan for Numbering Courses

For convenience it is customary to designate the course of study by the name of the department and the number of the particular course. The plan for numbering courses is as follows:

Courses 1 to 99—Lower Division courses.
Courses 100 to 199—Upper Division courses not open to graduates.
Courses 200 to 299—Upper Division courses open to graduates.
Courses 300 to 399—Courses open to graduates only.

AGRICULTURE

Fifteen hours from the following courses offered in the College of Agriculture may be credited toward the A. B. degree in the College of Arts and Sciences.

Subject	Hours
Agricultural Education 101 (Problems of Rural Education)	2
Agricultural Education 119 (Materials and Methods of Visual Education)	2
Agricultural Education 233 (Rural Organization)	3
Agronomy 1 (Farm Crops)	5
Animal Husbandry 102 (Live Stock Production and Management)	5
Animal Husbandry 1 (Animal Nutrition)	3
Animal Husbandry 222 (Breeding Farm Animals)	3
Dairy Husbandry 101 (Principles of Dairying)	5
Farm Economics 112	4
Horticulture 101 (Principles of Fruit Growing)	4
Horticulture 130 (Vegetable Gardening)	4
Poultry Husbandry 1	4
Agronomy 102 (Soils)	3

The following courses are regular electives in the College of Arts and Sciences:

Agricultural Education 134 (Methods of Agricultural Extension) 2
Dairy Husbandry 218 (Dairy Chemistry) 3
Entomology (All courses).
Genetics (All courses).
Plant Pathology (All courses).

AGRONOMY

(See list above).

ANIMAL HUSBANDRY

(See list above).

BIOLOGY

The following courses in biology are given by the cooperation of the departments of botany and zoology. They are designed especially to meet the science requirement in the lower division for students who do not intend to take further work in the biological sciences.

1. **General Biology.** I, II. (4 Hrs.).
   Professors REESE and STRAUSBAUGH.
2. **General Biology.** I, II. (4 Hrs.).
   A continuation of Course 1.
   Professors REESE and STRAUSBAUGH.

BOTANY

Professors STRAUSBAUGH and SPANGLER, Miss AMMONS, and Mr. CORE.

Courses Suggested for Botany Majors

Lower Division (64 hrs.)

	Hrs.
English Composition	6
German	12
Botany 1 and 2	8
How to Study (if required)	3
Military Science	4
Physical Education	2
French	6
Psychology	6
English Literature	6

Electives

Chemistry 1 and 2	8
Botany 4	3
Zoology 1 and 2	8
Botany 31	4

Upper Division (64 hrs.)

	Hrs.
Physics 1, 2, 3, and 4	8
Education (for those wanting teacher's certificate)	20
Geology (for those wanting teacher's certificate)	6
Botany 211 and 212	8
Botany 221	4
Botany 214	2
Botany 251	2
Botany 253 and 254	2
Botany 141 (elective)	3
Botany 232 and 234 (elective)	8
Botany 222 (elective)	4

Courses in chemistry, physics, zoology or geology may be selected by those majors who wish to minor in one of these departments.

Botany 1 of the first semester must be followed by Botany 2 of the second semester, and Botany 1 of the second semester must be followed by Botany 2 of the first semester. No other sequence is possible.

Prospective teachers should confer with the College of Education in regard to the 20 hours of work required in that college; also in regard to a second teaching subject and the other requirements for certification.

Lower Division Courses

1. **General Botany.** I, II. (4 Hrs.).
A course dealing with the structure, function and environmental relations of the seed plant.
Professor STRAUSBAUGH, Miss AMMONS and Mr. CORE.

2. **General Botany.** I, II. (4 Hrs.).
A continuation of course 1, dealing with the lower groups of plants and a brief survey of the classification of seed plants.
Professor STRAUSBAUGH, Miss AMMONS and Mr. CORE.

4. **Systematic Botany.** II. (3 Hrs.).
The identification of seed plants and a study of their classification.
Professor STRAUSBAUGH and Mr. CORE.

6. **Pharmaceutical Botany.** I. (4 Hrs.).
This course is designed for pharmacy students only.
Mr. CORE.

31. **Plant Ecology.** I. (4 Hrs.).
A study of the environmental relationship of plants.
Professor STRAUSBAUGH.

Upper Division Courses

141. **Bacteriology.** I, II. (3 Hrs.).
Professor SPANGLER.

211. **Morphology and Phylogeny.** I. (4 Hrs.).
A thorough survey of structure, life histories, and phylogenetic relationships of representative forms in all groups of the plant kingdom. Prerequisite: Courses 1 and 2.
Professor SPANGLER.

212. **Morphology and Phylogeny.** II. (4 Hrs.).
A continuation of Course 211.
Professor SPANGLER.

214. Microtechnique and Plant Histology. II. (2 Hrs.).
Study of the tissues and organs of plants with training in the preparation of material for microscopic study. Prerequisite: Courses 1 and 2.

Professor STRAUSBAUGH.

221. Plant Physiology. I. (4 Hrs.).
A study of the functions of plants. Prerequisite: Courses 1 and 2.

222. Advanced Plant Physiology. II. (4 Hrs.).
Qualitative and quantitative studies of the substances of plant tissues and the roles these play in the metabolism of the plant. Prerequisite: Course 221; also courses in general physics and organic chemistry.

232. Forest Ecology. II. (4 Hrs.).
A study of the various forest types, their development and their environmental relations. Prerequisite: Courses 1, 2, and 31.

Professor STRAUSBAUGH.

234. Experimental Ecology. II. (4 Hrs.).
The measurement of ecological factors. Prerequisite: Courses 1, 2, and 31.

Professor STRAUSBAUGH.

251. History of Botany. I. (2 Hrs.).
For majors and advanced students of botany only.

Professor STRAUSBAUGH.

253. Botany Seminar. I. (1 Hr.).
For seniors and graduate students who have chosen botany as their major subject.

Professor STRAUSBAUGH and staff.

254. Botany Seminar. II. (1 Hr.).
For seniors and graduate students who have chosen botany as their major subject.

Professor STRAUSBAUGH and staff.

Graduate Division Courses

365. Morphological Studies. I. (4 Hrs.).

Professors STRAUSBAUGH and SPANGLER.

366. Morphological Studies. II. (4 Hrs.).

Professors STRAUSBAUGH and SPANGLER.

371. Problems in Plant Physiology. I. (1 to 5 Hrs.).

Professor STRAUSBAUGH.

372. Problems in Plant Physiology. II. (1 to 5 Hrs.).

Professor STRAUSBAUGH.

373. **Microchemistry of Plant Tissues.** I. (4 Hrs.).
Professor STRAUSBAUGH.

381. **Problems in Plant Ecology.** I. (4 Hrs.).
Professor STRAUSBAUGH.

382. **Problems in Plant Ecology.** II. (4 Hrs.).
Professor STRAUSBAUGH.

391. **Research.** I. (1 to 5 Hrs.).
Botany staff.

392. **Research.** II. (1 to 5 Hrs.).
Botany staff.

CHEMISTRY

Professors CLARK, JACOBSON, SAMUEL MORRIS, HUBERT HILL, and DUSTMAN, Associate Professors DAVIES and DEATRICK, Assistant Professors COLLETT, GARLAND and LAZZELL, Mr. GIBSON, and Mr. PRAY.

Note: Courses 1, 2 and 9; or Courses 3 and 4 are prerequisite to all courses in chemistry. Courses 5, 6, 233, 238, 260, and 261 are required of students whose major is chemistry. Exceptions are sometimes made for students entering with advanced standing.

Students entering the University with the intention of studying chemistry as a profession leading to a degree in the College of Arts and Sciences, with major in chemistry, should take Mathematics 3 and 4 and Chemistry 3 during the first semester of their freshman year.

Three year and four year pre-medical students are referred to page 64, for outlines of these courses.

Note: For courses in physiological and pharmaceutical chemistry see the announcements of the School of Medicine.

Lower Division Courses

1. **General Chemistry.** I. (4 Hrs.).
Recommended for students in the College of Arts and Sciences and the College of Education. Primarily for freshmen. Three recitation and two two-hour laboratory periods per week.
Chemistry staff.

Note: Students desiring to take Course 1 in the second semester may substitute Course 3.

2. **General Chemistry.** II. (4 Hrs.).
Prerequisite: Course 1 or its equivalent. Recommended for students in the College of Arts and Sciences and the College of Education. Primarily for freshmen. Three recitation and two two-hour laboratory periods.

Chemistry staff.

Note: Students entering with the idea of majoring in chemistry may take Courses 3 and 4 instead of Courses 1, 2 and 9.

3. **Inorganic Chemistry.** I, II. (4 Hrs.).
Required of students in the College of Agriculture (including home economics), the College of Engineering, pre-medical students, and pharmacy students. Students in the College of Arts and Sciences who have decided to take more than one year of chemistry are eligible. Primarily for freshmen. Three recitation and two two-hour laboratory periods.

Chemistry staff.

4. **Inorganic Chemistry.** I, II. (4 Hrs.).
Prerequisite: Course 3. Required of students of the College of Agriculture, College of Engineering, pre-medical students, pharmacy students. Primarily for freshmen. Students in the College of Arts and Sciences who have decided to take more than one year of chemistry are eligible.

Chemistry staff.

5. **Qualitative Analysis.** I. (4 Hrs.).
Prerequisites: Courses 1, 2, and 9; or Courses 3 and 4. Course 9 may either precede or accompany this course. Required of students whose major is chemistry, or students in chemical engineering, of candidates for the degree of Bachelor of Science in Public Health, and for pharmacy students. Three three-hour laboratory periods per week, including recitations and special assignments.

Professor HUBERT HILL and Assistant Professor LAZZELL.

6. **Quantitative Analysis.** II. (4 or 5 Hrs.).
Prerequisites: Courses 1, 2, and 9; or 3 and 4. Course 5 should precede this course wherever possible. Required of students whose major is chemistry, and of students in chemical engineering and mining engineering. (4 Hrs.). Four or five three-hour laboratory periods per week.

Professor HUBERT HILL and Assistant Professor LAZZELL.

9. **Inorganic Chemistry.** I. (2 Hrs.).
Required of students who have taken Courses 1 and 2, and who desire further work in chemistry. May precede or accompany such work.

Professor MORRIS.

10. **Quantitative Analysis.** I. (2 Hrs.).
Primarily for engineering students. Two three-hour laboratory periods weekly.

Mr. GIBSON.

15. **Quantitative Analysis.** I, II. (3 Hrs.).
For pre-medical students. Prerequisites: Courses 3 and 4 or Courses 1, 2 and 9. Course 9 may accompany this course. Three three-hour laboratory periods per week.

Professor HUBERT HILL and Assistant Professor LAZZELL.

31. **Organic Chemistry.** I. (4 Hrs.).
For students in agriculture and home economics. Prerequisite: Course 4, or Courses 2 and 9. Course 9 may accompany this course.

Professor DUSTMAN.

36. **Organic Chemistry.** II. (6 Hrs.).
Required of pre-medical and pharmacy students. Prerequisite for pre-medical students: Courses 15 and 63. Prerequisite for pharmacy students: Course 6.

Assistant Professor GARLAND.

63. **Physical Chemistry.** I. (3 Hrs.).
Required of pre-medical students and candidates for the degree of Bachelor of Science in Public Health. Prerequisite: Course 4, or Courses 2 and 9. Course 9 may accompany this course. Two recitation periods and one three-hour laboratory period per week.

Associate Professor DAVIES.

Upper Division Courses

105. **Qualitative Analysis.** I. (4 Hrs.).
See Chemistry 5.

Professor HUBERT HILL and Assistant Professor LAZZELL.

106. **Quantitative Analysis.** II. (4 or 5 Hrs.).
Primarily for non-chemistry majors.
See Course 6.

Professor HUBERT HILL and Assistant Professor LAZZELL.

107. **Quantitative Analysis.** I, II. (2 Hrs.).
A continuation of Course 15.

Professor HUBERT HILL and Assistant Professor LAZZELL.

141. **Assigned Topics.** I, II. (2 to 5 Hrs.).
Open by special permission to undergraduates who have already completed 36 hours of chemistry. An introduction to research.

Chemistry staff.

163. Physical Chemistry. I. (3 Hrs.).
See Course 63.

Associate Professor DAVIES.

208. Quantitative Analysis. I. (3 or 4 Hrs.).
Prerequisites: Course 6, Physics 3 and 4 and Mathematics 5 or 26. An elective course. Recommended for graduate students. Three or four three-hour laboratory periods per week.

Professor JACOBSON.

211. Synthetic Inorganic Chemistry. I. (2 Hrs.).
For graduate students. Seniors by permission. One lecture and two three-hour laboratory periods weekly.

Professor S. MORRIS.

214. Organic Qualitative and Quantitative Analysis. II. (3 Hrs.).
Open to seniors and graduate students. Prerequisite: Course 238. Three three-hour laboratory periods weekly.

Professor JACOBSON.

218. Dairy Chemistry. I. (3 Hrs.).
For students in the College of Agriculture. Prerequisite for undergraduate students: Course 31.
Prerequisites for graduate students: Course 6 or Course 15; Course 31 or 233.
Offered in alternate years; available, 1930-1931.

Professor DUSTMAN.

222. Food Analysis. II. (3 Hrs.).
Primarily for agriculture and home economics students. Prerequisites: Course 6 or Course 15, and Course 31 or equivalent. One lecture and two three-hour laboratory periods weekly.

233. Organic Chemistry. I. (5 Hrs.).
Required of students who major in chemistry, of students in chemical and mining engineering, and of candidates for the degree of Bachelor of Science in Public Health. The course may count also as graduate work for students majoring in other departments. Three lecture and two three-hour laboratory periods weekly. Prerequisite: Course 6.

Professor CLARK and Assistant Professor GARLAND.

238. Organic Chemistry. II. (4 or 5 Hrs.).
The course may count as graduate work for students majoring in other departments. Two lectures and three three-hour laboratory periods weekly. Prerequisite: Course 233.

Professor CLARK and Assistant Professor GARLAND.

247. **Stereochemistry.** I. (2 Hrs.).
An elective course for seniors and graduate students. Prerequisite: Course 238.

Associate Professor LILY BELL DEATRICK.

251. **Industrial Inorganic Chemistry.** I. (3 Hrs.).
For graduate students and senior pharmacy students; other seniors by consent.

Professor CLARK.

252. **Industrial Organic Chemistry.** II. (3 Hrs.).
For graduate students and senior pharmacy students; other seniors only by consent.

Professor CLARK.

260. **Physical Chemistry.** I. (3 or 4 Hrs.).
Required of chemistry majors and chemical engineering students, the latter for three hours' credit. This course may count as graduate credit for students majoring in other departments. Prerequisite: Course 233, Physics 4 and Mathematics 5. Two recitations and one or two three-hour laboratory periods.

Assistant Professor COLLETT.

261. **Physical Chemistry.** II. (3 or 4 Hrs.).
Required of chemical engineering students and chemistry majors. This course may count as graduate credit for students majoring in other departments. Prerequisite: Course 260. Two recitation and one or two three-hour laboratory periods.

Assistant Professor COLLETT.

262. **The Chemistry of Colloids.** II. (4 Hrs.).
Open to juniors, seniors, and graduate students. Required of four year pre-medical students. Two lectures and two three-hour laboratory periods.

Associate Professor DAVIES.

274. **History of Chemistry.** II. (2 Hrs.).
An elective course for seniors and graduate students. Prerequisite: Course 6.

Professor HUBERT HILL and Associate Professor LILY BELL DEATRICK.

277. **Synthetic Drugs.** I, II. (2 Hrs.).
Elective for senior pharmacy students, and others by permission.

Assistant Professor LAZZELL.

Graduate Division Courses

339. Dyes and Dye Intermediates. I. (4 Hrs.).
For graduate students. Prerequisite: Course 238.
Professor CLARK.

340. Dyes and Dye Intermediates. II. (4 Hrs.).
For graduate students. Prerequisite: Course 339.
Professor CLARK.

343. Advanced Organic Chemistry. I. (4 Hrs.).
For graduate students only. Prerequisite: Course 238 or equivalent. Two lecture and two three-hour laboratory periods per week.
Assistant Professor GARLAND.

345. Theories of Organic Chemistry. II. (2 Hrs.).
For graduate students only.
Assistant Professor GARLAND.

367. Physical Chemistry. I or II. (4 Hrs.).
Recommended for graduate students. Prerequisite: Course 261. Two lectures and two three-hour laboratory periods.
Assistant Professor DAVIES.

380. Electrochemistry. I, II. (3 Hrs.).
Electrolytic depositions of metals: application of oxidation and reduction cells as applied to syntheses. One lecture and two three-hour laboratory periods. For graduate students. Prerequisites: Courses 238 and 261.
Assistant Professor COLLETT.

382. Advanced Qualitative Analysis. II. (2 Hrs.).
An advanced course, including rare elements.
Professor HILL.

381, 383, 385, 387. Research. I.
(Credits as arranged.)
Chemistry staff.

378, 384, 386, 388. Research. II.
(Credits as arranged.)
Chemistry staff.

389, 391, 393. Journal Meeting and Seminar. I. (1 Hr.).
Required of graduate students working for graduate degrees with major in chemistry. Recommended as a minor for students from other departments.
Chemistry staff.

390, 392, 398. **Journal Meeting and Seminar.** II. (1 Hr.).
Required of graduate students working for graduate degrees with major in chemistry. Recommended as a minor for students from other departments.

Chemistry staff.

395, 397, 399. **Special Topics.** I. (1 to 3 Hrs.).
Chemical thermo-dynamics, atomic structure, chemical crystallography, chemistry of the compounds of nitrogen, photo-chemistry, chemical kinetics, and the study of chemical literature as preparation for research, are suggested courses. For graduate students only.

Chemistry staff.

394, 396, 354. **Special Topics.** II. (1 to 3 Hrs.).
See Chemistry 395, 397 and 399. For graduate students only.

Chemistry staff.

Note: A breakage deposit is required of all students taking laboratory courses.

CLASSICS

Professor TROTTER and Assistant Professor BROUZAS.

The Department of Classics comprises courses in the Greek and Latin languages and in classical civilization. Courses in the department are intended not only to give students a thorough knowledge of the Greek and Latin languages and literatures, but also to acquaint them with the classical culture in general. A student with major in Latin will not be recommended for a degree until he shall have secured six semester hours of credit in courses numbered 227 or above and shall have satisfied all prerequisites. Such a student should plan to include at least six hours of Greek in his course.

Latin

LOWER DIVISION COURSES

1. **Elementary Latin.** I. (3 Hrs.).
An intensive course in the elements of the Latin language, consisting of the completion of a standard beginner's book and of a simple elementary reader.

Professor TROTTER.

2. **Elementary Latin.** II. (3 Hrs.).
A continuation of Course 1, consisting of the study of a standard second year book.

Professor TROTTER.

3. **Caesar.** I. (3 Hrs.).
Selections from the Gallic Wars. Prose composition. Prerequisites: Latin 1 and 2 or their equivalent.
Professor TROTTER.

4. **Cicero's Orations; Sallust's Conspiracy of Catiline. Prose composition.** II. (3 Hrs.).
Prerequisite: Latin 3 or its equivalent.
Professor TROTTER.

5. **Ovid's Metamorphoses.** I. (3 Hrs.).
Prerequisites: Latin 3 and 4, or three units of high school Latin.
Professor TROTTER.

6. **Vergil's Aeneid.** II. (3 Hrs.).
Prose composition. Prerequisites: Latin 3 and 4 or three units of high school Latin.
Professor TROTTER.

8. **Cicero's De Senectute, and De Amicitia.** I. (3 Hrs.).
Prerequisites: Latin 5 and 6, or four units of high school Latin.
Professor TROTTER.

14. **Roman Comedy.** I. (3 Hrs.).
Plautus, Captivi or Menæchmi; Terence, Adelphœ or Andria. Prerequisite: Latin 4, 5, and 6, or four units of high school Latin.
Assistant Professor BROUZAS.

21. **Roman Letter Writing.** II. (3 Hrs.).
Selections from the Letters of Cicero and Pliny. Prerequisite: Latin 14 or its equivalent.
Assistant Professor BROUZAS.

22. **The Elegy and the Epigram.** I. (3 Hrs.).
Selections from the elegiac poets and from Martial's epigrams. Prerequisites: Latin 14 and 21 or their equivalent.
Assistant Professor BROUZAS.

25. **Latin Composition.** I. (3 Hrs.).
A review of the principles and syntax of the Latin language, and practice in writing simple Latin. Prerequisites: Latin 14 and 21 or their equivalent.
Assistant Professor BROUZAS.

UPPER DIVISION COURSES

123. **Livy.** II. (3 Hrs.).
Selections from books 1, 21, and 22. Prerequisites: Latin 14 and 21 or their equivalent.
Professor TROTTER.

124. **Horace and the Lyric Poets.** II. (3 Hrs.).
Selections from Horace's Odes and Epodes and from Catullus and other poets of the silver Latin. Prerequisites: Latin 14 and 22 or their equivalent.

126. **Advanced Latin Composition and Syntax.** II. (3 Hrs.).
Prerequisites: Latin 14 and 22; and Latin 25. [Omitted 1930-1931].

Assistant Professor BROUZAS.

227. **Vulgar Latin.** I. (3 Hrs.).
Selections from Petronius, Apuleius, and from late and mediæval Latin writers. Lectures by the instructor on the history of the Latin language and the formation of the Romance languages, especially French. Prerequisite: Latin 14 and 21 or their equivalent.

Assistant Professor BROUZAS.

231. **Satire.** (3 Hrs.).
Horace, Satires and Epistles; Selections from Juvenal and Persius. [Omitted in 1930-1931].

234. **History.** (3 Hrs.).
Tacitus, Agricola and Annals; Suetonius, Life of Julius or Augustus. [Omitted in 1930-1931].

235. **Epic.** I. (3 Hrs.).
Vergil's Aeneid and the later Epic. Prerequisites: Latin 22 and 24 or their equivalent.

Assistant Professor BROUZAS.

236. **Philosophy.** II. (3 Hrs.).
Cicero's Tusculan Disputations and De Officiis; Seneca's Dialogues and Epistles. [Omitted in 1930-1931].

Assistant Professor BROUZAS.

Classical Civilization

Note: The following courses are offered as being of cultural value to all students. They present a picture of a cross-section of Greek and Roman society, life, manners, thought, literature, art, science, and law. The study of the influence of classical antiquity upon the subsequent periods prepares one for a better appreciation of modern civilization. Each course may be taken separately, if so desired. No prerequisites required.

137. **Greek and Roman Mythology.** I. (3 Hrs.).
A study of the Greek and Roman myths with particular emphasis on their influence upon the art and literature of the ancient and the modern world.
Assistant Professor BROUZAS.

138. **Greek and Roman Archaeology and Art.** II. (3 Hrs.).
A study of the Greek and Roman masterpieces with especial emphasis upon their influence upon mediæval and modern art.
Assistant Professor BROUZAS.

139. **Greek Life and Thought.** I. (3 Hrs.).
A survey of Greek culture and thought as reflected in Greek literature. [Omitted 1930-1931].
Assistant Professor BROUZAS.

140. **Roman Life and Thought.** II. (3 Hrs.).
A continuation of course 139 with attention devoted to the Roman writers and periods. [Omitted 1930-1931].
Assistant Professor BROUZAS.

Greek

101. **Elementary Greek.** I. (3 Hrs.).
A course in the elements of the Greek language.
Assistant Professor BROUZAS.

102. **Elementary Greek.** II. (3 Hrs.).
A continuation of Course 101, with selections from Xenophon.
Assistant Professor BROUZAS.

103. **Greek New Testament.** I. (3 Hrs.).
The Gospels. Prerequisite: Greek 101 and 102 or equivalent. [Omitted 1930-1931].

104. **Homer's Iliad.** I. (3 Hrs.).
Reading and grammar. Prerequisite: Greek 103 or equivalent. [Omitted 1930-1931].

231. **Philosophy.** I. (3 Hrs.).
Plato's Apology and Crito; Xenophon's Memorabilia. [Omitted 1930-1931]. Prerequisite: Greek 104 or equivalent.
Assistant Professor BROUZAS.

232. **Comedy.** II. (3 Hrs.).
Aristophanes' Clouds and Birds; Menander. Prerequisite: Greek 104 or equivalent. [Omitted 1930-1931].
Assistant Professor BROUZAS.

ECONOMICS, BUSINESS ADMINISTRATION, AND SOCIOLOGY

Professors HARRIS, VICKERS, and RUFENER, Assistant Professors SAPOSNEKOW and GLASHEEN,[1] Mr. GAUGER, Mr. BALL, and Mr. JOHNSON.

Any student who elects economics or sociology as a major subject must take at least twenty-five hours of work in this department and at least six hours in history or political science.

Economics 11 and 12 are prerequisites for all upper division courses in economics except Economics 103 and 110. Students who contemplate economics as a major subject should include also in their courses of study Political Science 5 and 6 and six additional hours to be selected from the following: Economics 21 and 22, Sociology 101, and suitable courses in English or American history. They will best meet these requirements, along with the general requirements for the lower division, by arranging their schedules in the following manner:

First Year	Hrs.	Second Year	Hrs.
English	6	Foreign languages	6
Foreign languages	6	Military science	2
Laboratory science	8	Required groups	3
Military science	2	Economics 11 and 12	6
Physical education	2	Political Science 5 and 6	6
Required groups	9	Select from Economics 21 and 22, Sociology 101 and suitable courses in English or American history	6
		Remainder elective	2

ECONOMICS

Lower Division Courses

11. **Principles of Economics.** I, II. (3 Hrs.).
For sophomores; freshmen by consent. Designed to be followed by Economics 12.

Staff.

12. **Principles of Economics.** I, II. (3 Hrs.).
A continuation of the preceding course.

Staff.

21. **Economic Development.** I. (3 Hrs.).
With special reference to the United States.

Mr. GAUGER.

[1]On leave of absence, 1929-30. During his absence, Mr. Johnson served as substitute instructor.

22. **Economic Development.** II. (3 Hrs.).
With special reference to Europe.

Mr. GAUGER.

Upper Division Courses

103. **Principles of Economics.** I. (3 Hrs.).
For students in the College of Engineering.

Professor RUFENER.

110. **Money, Credit and Banking.** II. (2 Hrs.).
For students in the College of Engineering. Prerequisite: Economics 103.

Professor RUFENER.

111. **Money, Credit and Banking.** I, II. (3 Hrs.).

Professor VICKERS.

112. **Public Finance.** II. (4 Hrs.).

Professor VICKERS.

113. **Business Organization.** I. (3 Hrs.).

Professor RUFENER.

114. **Business Finance.** II. (3 Hrs.).
Prerequisites: Economics 111 and 113.

Professor RUFENER.

131. **Statistics.** I. (3 Hrs.).

Assistant Professor GLASHEEN.

133. **Principles of Life Insurance.** I. (3 Hrs.).
[Omitted 1930-1931].

134. **Principles of Property Insurance.** II. (3 Hrs.).
Prerequisite: Economics 133. [Omitted 1930-1931].

140. **Labor Problems.** II. (3 Hrs.).

Professor VICKERS.

141. **Railroad Transportation.** I. (3 Hrs.).

Professor RUFENER.

215. **Investment and Speculation.** I. (3 Hrs.).
Prerequisite: Economics 114.

Professor RUFENER.

251. **History of Economic Doctrines.** I. (3 Hrs.).

Professor VICKERS.

257. **Relations of Government to Economic Enterprise.** I. (3 Hrs.).
Prerequisite: Consent of instructor.

Professor VICKERS.

259. **Distribution of Wealth.** I. (2 Hrs.).
[Omitted in 1930-1931].

263. **Tax Systems, National and State.** I. (3 Hrs.).
Prerequisites: At least three advanced courses in economics, including Economics 112. [Omitted 1930-1931].

264. **Central Banking Systems and Related Problems.** II. (3 Hrs.).
Prerequisite: At least three advanced courses in economics, including Economics 111.

Professor VICKERS.

Graduate Division Courses

380. **Special Studies in Economics Directed.** (2 to 4 Hrs.).

BUSINESS ADMINISTRATION

Lower Division Courses

51. **Principles of Accounting.** I. (3 Hrs.).
For sophomore students who do not intend to continue college work in the upper division.

Assistant Professor GLASHEEN.

52. **Principles of Accounting.** II. (3 Hrs.).
Continuation of Business 51.

Assistant Professor GLASHEEN.

62. **Elements of Marketing.** II. (3 Hrs.).
For sophomore students who do not intend to continue college work in the upper division.

Mr. BALL.

Upper Division Courses

101. **Principles of Accounting.** I. (3 Hrs.).

Assistant Professor GLASHEEN.

102. **Principles of Accounting.** II. (3 Hrs.).
Continuation of Business 101.

Assistant Professor GLASHEEN.

103. **Industrial Accounting.** II. (3 Hrs.).
Prerequisite: Business 102, or equivalent.

Assistant Professor GLASHEEN.

105. **Advanced Accounting.** I. (3 Hrs.).
Prerequisite: Business 102, or equivalent.
Assistant Professor GLASHEEN.

106. **Advanced Accounting.** II. (3 Hrs.).
Prerequisite: Business 102, or equivalent.
Assistant Professor GLASHEEN.

107. **Auditing.** I. (3 Hrs.).
Prerequisite: Business 102, or equivalent.
Assistant Professor GLASHEEN.

112. **Income Tax Procedure.** (3 Hrs.).
Prerequisite: Business 102, or equivalent. [Omitted 1930-31].

117. **Business Statistics.** II. (3 Hrs.).
Prerequisite: Economics 11 and 12.
Assistant Professor GLASHEEN.

121. **Marketing.** I. (3 Hrs.).
Prerequisite: Economics 11 and 12.
Mr. BALL.

122. **Marketing.** II. (3 Hrs.).
Continuation of Business 121.
Mr. BALL.

125. **Advertising.** II. (3 Hrs.).
Prerequisite: Business 121.
Mr. BALL.

126. **Retail Store Management.** I. (3 Hrs.).
Prerequisite: Business 121.
Mr. BALL.

127. **Foreign Trade Methods.** II. (3 Hrs.).
Prerequisite: Business 121.
Mr. BALL.

131. **Business Management.** I. (3 Hrs.).
Prerequisite: Economics 11 and 12.
Mr. BALL.

141. **Business Law.** I. (3 Hrs.).
Not open to students preparing for a law degree.
Mr. BALL.

148. **Sales Management.** II. (3 Hrs.).
Prerequisite: Business 121.
Mr. BALL.

SOCIOLOGY

Standard Program for Sociology Majors

Sophomore Year

Sociology 1	Intro. to Sociology	3 Hours
Sociology 2	Rural Sociology	3 Hours
Economics 1	Principles of Economics	3 Hours
Economics 2	Principles of Economics	3 Hours
History		3 Hours
History	English Social and Industrial History	3 Hours
Military		2 Hours
Group requirements and electives		12 Hours
Total		32 Hours

Junior Year

Sociology 105	Urban Sociology	3 Hours
Sociology 106	Social Pathology	3 Hours
Sociology 108	Problems of Child Welfare	2 Hours
Political Science 5	Intro. to Am. Fed. Gov't	3 Hours
Political Science 6	State and Local Gov't	3 Hours
Psychology 1	Intro. to Psychology	3 Hours
Psychology 116	Social Psychology	3 Hours
Journalism 1	News Gathering and Writing	3 Hours
Journalism 2	News Gathering and Writing	3 Hours
Genetics 111 (College of Agriculture)		2 Hours
Electives		4 Hours
Total		32 Hours

Senior Year

Sociology 210	The Family	3 Hours
Sociology 231	Race Problems	3 Hours
Sociology 240	Social Control	3 Hours
Sociology 241	Social Organization	3 Hours
Sociology 266	Principles and Methods of Social Research	3 Hours
Electives		17 Hours
Total		32 Hours

Recommended Sequence of Sociology Courses for the Guidance of Advisers In Other Departments

Sociology 1	Introduction to Sociology	3 Hours
Sociology 2	Rural Sociology	3 Hours
Sociology 105	Urban Sociology	3 Hours
Sociology 210	The Family	3 Hours
Sociology 231	Race Problems	3 Hours

Lower Division Courses

1. **Introduction to Sociology.** I, II. (3 Hrs.).
For sophomores.
Professor HARRIS and Assistant Professor SAPOSNEKOW.

2. **Rural Sociology.** II. (3 Hrs.).
For sophomores. Prerequisite: Sociology 1.
Professor HARRIS.

Upper Division Courses

101. **Introduction to Sociology.** I, II. (3 Hrs.).
Professor HARRIS and Assistant Professor SAPOSNEKOW.

105. **Urban Sociology.** I, II. (3 Hrs.).
For juniors and seniors. Prerequisite: Sociology 1.
Assistant Professor SAPOSNEKOW.

106. **Social Pathology.** II. (3 Hrs.).
For juniors and seniors. Prerequisite: Sociology 1.
Assistant Professor SAPOSNEKOW.

108. **Problems of Child Welfare.** II. (2 Hrs.).
For juniors and seniors. Prerequisite: Sociology 1.
Professor HARRIS.

161. **Principles and Methods of Social Case Work.** I. (3 Hrs.).
For juniors and seniors. Prerequisite: 6 hours of sociology, or one year of experience in social work.
Professor HARRIS.

210. **The Family.** II. (3 Hrs.).
For juniors and seniors; graduates by consent of instructor. Prerequisite: 3 hours of sociology or 6 hours of economics.
Professor HARRIS.

231. **Race Problems.** I. (3 Hrs.).
For juniors and seniors; graduates by consent of instructor. Prerequisite: 3 hours of sociology.
Professor HARRIS.

232. **Immigration.** II. (3 Hrs.).
For juniors and seniors; graduates by consent of instructor. Prerequisite: 3 hours of sociology.
Assistant Professor SAPOSNEKOW.

233. **Criminology.** I. (3 Hrs.).
For juniors and seniors; graduates by consent of instructor. Prerequisite: 5 hours of sociology, or 3 hours of sociology and 3 hours of psychology.
Assistant Professor SAPOSNEKOW.

240. **Social Control.** II. (3 Hrs.).
For seniors and graduates. Prerequisite: 6 hours of sociology.
Professor HARRIS.

241. **Social Organization.** I. (3 Hrs.).
For seniors and graduates. Prerequisite: 6 hours of sociology.
Professor HARRIS.

243. **Social Origins.** I. (3 Hrs.).
For juniors and seniors; graduates by consent of instructor. Prerequisite: 3 hours of sociology and 3 hours of history or economics.
Assistant Professor SAPOSNEKOW.

246. **History of Social Thought.** II. (3 Hrs.).
For seniors and graduates. Prerequisites: 8 hours of sociology and 6 hours of economics.
Assistant Professor SAPOSNEKOW.

247. **Seminar.** I. (2 Hrs.).
For seniors and graduates. A critical study of the current literature of sociology. Prerequisites: 8 hours of sociology and 6 hours of economics.
Professor HARRIS.

248. **Seminar.** II. (2 Hrs.).
For seniors and graduates. A continuation of Sociology 247.
Professor HARRIS.

266. **Principles and Methods of Social Research.** II. (3 Hrs.).
For seniors and graduates. Prerequisites: 8 hours of sociology and 6 hours of economics.
Professor HARRIS.

EDUCATION

Electives amounting to not more than twenty semester hours, selected from courses offered in the College of Education, may be offered toward the A. B. degree in the College of Arts and Sciences.

ELECTRICAL ENGINEERING

(See list below).

ENGINEERING

Electives amounting to not more than fifteen semester hours, selected from the following courses offered in the College of Engineering may be offered for credit toward the A. B. degree in the College of Arts and Sciences.

Subject	Credit Hours
Mechanical Drawing (M. E. 20-24 and C. E. 10)	8
Descriptive Geometry (M. E. 26)	3
Mechanism (M. E. 29)	4
Industrial Engineering (M. E. 207)	3
Elements of Electrical Engineering (E. E. 100)	4
Applied Electricity (E. E. 101)	4
Elements of Electrical Engineering (E. E. 102 and 103)	8
Direct Current Machinery (E. E. 200)	4
Theory of Alternating Currents (E. E. 201)	3
Alternating Current Machinery (E. E. 202 and 203)	3
Electrical Laboratory (E. E. 205 and 206)	4
Statics (M. 101)	3
Mechanics of Materials (M. 102)	4
Kinetics (M. 104)	3
Hydraulics (C. E. 115)	2
Mineralogy (E. M. 106)	1
Metallurgy (Ch. E. 220 and 221)	3
Surveying (C. E. 1, 2, and 3)	6
Thermodynamics (M. E. 221)	3
Heating and Ventilating (M. E. 226)	3
Heat Engines (M. E. 222)	3
Geological Surveying (E. M. 103)	2
Industrial Education (I. E. 103, 200 and 201)	6
Chemical Engineering and Manufacture (Ch. E. 205)	3
Industrial Chem. Lab. (Ch. E. 206)	2

In addition to the above the student may elect with the consent of his adviser, when his major subject is physics:

Engineering (M. E. 1-14 and 105-107)	10

ENGLISH

Professors DRAPER, ARMSTRONG, COX, and JOHNSON, Associate Professors CHAPPELL and MODDER, Assistant Professor SMITH, Miss LYTLE, Mrs. REED, Miss SAYRE, Miss FULTON, Mrs. PETTIGREW, Miss PAGE, Mr. HOWARD, Mr. BISHOP and Mr. KELLEY.

English 1-2 and 3-4 are prerequisites to all courses in the upper division; and English 13-14 should be taken only in connection with English 3-4.

The requirements for an A. B. degree in English and for a Teacher's Certificate, with a minor in French or in Latin, can be worked out in a four-year course as follows. Special requirements for the certificate are in parentheses. Students who do not wish a certificate may substitute electives.

Freshmen

	Hrs.		Hrs.
English 1	3	English 2	3
How to Study	3	(Health Education)	(2)
French or Latin	3	French or Latin	3
History 27	3	History 28	3
Physics or Biology or Chemistry	4	Same science continued	4
*Phys. Ed. and Military Science	2	Phys. Ed. and Military Science	2
	18		17

Sophomores

	Hrs.		Hrs.
English 3	3	English 4	3
English 13 (Exposition)	2	English 14 (Advanced Composition)	2
German 1	3	German 2	3
Continue with French or Latin	3	Continue with French or Latin	3
Public Speaking 11	3	Journalism 1 or Library Science	3
Phys. Ed. or Military Science	1	Political Science 5	3
	15	Phys. Ed. or Military Science	1
			18

*Physical Education does not count in the thirty-four hours of work that is the maximum allowed an Arts and Science student in a year.

Juniors

	Hrs.		Hrs.
History 151	3	English 165	3
English 181	3	German 4	3
German 3	3	English 242	3
English 235	3	Advanced French or Latin	3
Advanced French or Latin	3	(Education 114)	(2)
(Education 106)	(3)	(Education 112)	(2)
	18		16

Seniors

	Hrs.		Hrs.
English 230	3	English 234	3
(Education 109, 220, and 229)	(8)	(Education 224)	(5)
Advanced French or Latin	3	(English 173, 175, 276, or 277)	(2)
Elective	3	(English 160, 162, or 168)	(2)
	17	(English 184)	(1)
		Elective	4
			17

A course for an English major with a minor in history and with physical education as a second teaching subject is also possible by substituting physical education for How to Study and for six hours of French or Latin in the sophomore year. In the upper division, six more hours of history and twelve hours of physical education should be substituted for the French or Latin and for the electives.

A minor in English is advised to have at least the following courses: in the lower division, English 3-4 and English 13; in the upper division, either English 165 or 181 (3 Hrs.), either English 235 or 242 (3 Hrs.), and either English 230 or 234 (3 Hrs.). This course is not sufficient for a Teacher's Certificate.

Lower Division Courses

(Open to students in all colleges.)

1H-2H. Composition and Rhetoric. I, II. (3 Hrs. each semester).
English 1-2 adapted to the superior student.
Professor JOHNSON and staff.

1-2. Composition and Rhetoric. I, II. (3 Hrs. each semester).
Required of all candidates for the bachelor's degree in all colleges.
Professor JOHNSON and staff.

1C. **Grammar and Composition.** I, II. (3 Hrs.).
Required of all students who are inadequately prepared for English 1.

Associate Professor MODDER and staff.

3-4. **The Evolution of English Literature.** I, II. (3 Hrs. each semester).
Primarily for sophomores. Prerequisite for all upper division courses in English.

Professor DRAPER and staff.

13. **Expository Writing.** I, II. (2 Hrs.).
Primarily for sophomores; should be taken in connection with English 3. Practical forms of expository composition. Prerequisite English 1-2.

Professor JOHNSON and Associate Professor MODDER.

14. **Advanced Composition.** II. (2 Hrs.).
Description and Narration. Primarily for sophomores. Prerequisites: English 1-2, 3, 13.

Mrs. REED.

(Courses not open to students in the College of Arts and Sciences.)

25. **Types of English Poetry.** I. (2 Hrs.).
Primarily for students in home economics and agriculture.

Mrs. PETTIGREW.

26. **Types of English Prose.** II. (2 Hrs.).
Primarily for students in home economics and agriculture.

Mrs. PETTIGREW.

Upper Division Courses

(English 1-2 and 3-4 are prerequisites for all courses in the Upper Division.)

RHETORIC AND COMPOSITION

113. **Advanced Expository Writing.** I. (2 Hrs.).
Primarily for majors in the natural sciences. English 13 supplemented with special work on technical reports.

115. **Short Story Writing.** I. (3 Hrs.).
Prerequisite: English 14.

Mrs. REED.

118. **Play-Writing.** II. (2 Hrs.).
A study of the principles of play-writing as exemplified in the one-act play, with practice in writing.

186. **English for Engineers.** II. (1 Hr.).
For seniors in the College of Engineering.

Professor JOHNSON.

221. **Advanced Composition.** I. (2 Hrs.).
Special attention will be paid to the more literary forms of exposition.

Professor JOHNSON.

224. **Literary Criticism.** I. (3 Hrs.).
The fundamental principles by which literature is adjudged, with some practice in writing.

Professor JOHNSON.

ENGLISH LANGUAGE AND LITERATURE

The aims of this division of English are: (a) a scientific knowledge of the origin and development of the English language; (b) a wide acquaintance with English literature; (c) a specific knowledge of certain great authors, periods, and movements.

103-104. **The Evolution of English Literature.** I, II. (3 Hrs. each semester).
Primarily for transfers from other institutions who lack credit in English 3-4. English 3-4 supplemented with additional reports.

230. **English Language.** I. (3 Hrs.).
For seniors and graduates. Origin, growth, and structure; the vocabulary and grammar of English.

Professor COX or Professor DRAPER.

231. **Old English.** I. (3 Hrs.).
For seniors and graduates.

Associate Professor CHAPPELL.

232. **Old English—Beowulf.** II. (3 Hrs.).
For seniors and graduates who have had English 231.

Professor COX.

233. **Early Middle English.** II. (3 Hrs.).
For seniors and graduates who have had English 231. Reading of early Middle English texts.

Professor COX.

234. **Chaucer.** II. (3 Hrs.).
The Canterbury Tales.

Professor COX.

235. **Shakespeare.** I. (3 Hrs.).
A critical reading of Hamlet, Henry IV, Part I and Henry V.

Professor COX and Professor DRAPER.

PERIODS AND AUTHORS

153. **Browning.** II. (3 Hrs.).

Professor ARMSTRONG.

160. **Contemporary British Poetry.** II. (2 Hrs.).

Associate Professor MODDER.

162. **The Modern Drama.** II. (3 Hrs.).
Readings, lectures and reports. A few plays in foreign translation will be considered.

Professor COX.

239-240. **Elizabethan Drama.** I, II. (3 Hrs. each semester).
Primarily for seniors and graduates. A study of Shakespeare's chief predecessors, contemporaries and followers.

Associate Professor CHAPPELL.

241. **Sixteenth Century English Culture.** II. (3 Hrs.).
Honors Course, primarily for superior seniors in English and related departments. For admission to this course, consult the head of the department.
The Reformation and the Renaissance as expressed in English literature, with special attention to Spenser.

Associate Professor CHAPPELL and Professor DRAPER.

242. **Shakespeare.** I, II. (3 Hrs.).
The reading of fifteen to twenty plays with attention to plot-development, characterization and literary interpretation.

Professor ARMSTRONG, Professor DRAPER and Assistant Professor SMITH.

245. **Jacobean and Caroline Literature.** I. (3 Hrs.).
Special attention is given to the poetry of Milton.

Associate Professor CHAPPELL.

246. **Restoration Period.** II. (3 Hrs.).
Primarily for seniors and graduates. Literature as a reflection of social movements and social ideals from 1660 to 1700.

247-248. Eighteenth Century Culture. II. (3 Hrs. each semester).
Primarily for seniors and graduates. The evolution toward Romanticism of the thought and the arts of the eighteenth century with special attention to poetry.

Professor DRAPER.

249-250. The Romantic Movement. I, II. (2 Hrs. each semester).
English literature from the publication of the Lyrical Ballads to the death of Scott.

Associate Professor MODDER.

251-252. Victorian Literature. I, II. (2 Hrs. each semester).
Special attention is given to Pre-Raphaelitism, the Oxford Movement and the influence of science on literature. [Omitted in 1930-31].

255. Tennyson. II. (2 Hrs.).
Special attention is paid to the origin and development of the Arthurian legends.

Professor COX.

263. Ruskin. I. (2 Hrs.).

Professor ARMSTRONG.

AMERICAN LITERATURE

165. The Evolution of American Literature. I, II. (3 Hrs.).

Assistant Professor SMITH and Mr. KELLEY.

168. Contemporary American Poetry. II. (2 Hrs.).

Professor ARMSTRONG.

266. Types of American Fiction. I. (3 Hrs.).
Prerequisite: English 165.

Professor ARMSTRONG.

269. Emerson and Transcendentalism. I. (2 Hrs.).
Prerequisite: English 165. [Omitted in 1930-31].

Assistant Professor SMITH.

270. Poe and Lanier. I. (2 Hrs.).
Prerequisite: English 165.

Assistant Professor SMITH.

LITERARY TYPES

173. Lyric Poetry. II. (2 Hrs.).
The development of types, forms, meters and other essentials of the poetry.

Assistant Professor SMITH.

175. **The Short Story.** II. (2 Hrs.).
Interpretation of the short story as a form of literature.
Professor ARMSTRONG.

181. **The English Old Testament.** I, II. (3 Hrs.).
A study of the Old Testament in English as literature and history.
Professor ARMSTRONG.

182. **The English New Testament.** I. (2 Hrs.).
A study of the New Testament in English as literature.
Professor ARMSTRONG.

184. **Reading and Conferences.** II. (1 Hr.).
For seniors, by arrangement with the head of the department.
Professor DRAPER and staff.

272. **Popular Literature.** I. (3 Hrs.).
A study of the ballad and other forms of popular literature found in West Virginia.
Professor COX.

276. **The Novel.** II. (3 Hrs.).
Professor JOHNSON.

277. **The Essay.** II. (3 Hrs.).
Professor JOHNSON.

391. **Seminar.** II. (2 to 3 Hrs.).
Methods and problems of research in English literature.
Professor DRAPER.

GEOLOGY, MINERALOGY, AND GEOGRAPHY

Professors GALPIN and TILTON, Associate Professor YEATON,[1] Acting Assistant Professor MARTENS, and Assistant Professor FRIDLEY.

Undergraduate Curriculum in Geology

First Year, First Semester	Hrs.	First Year, Second Semester	Hrs.
Military Science	1	Military Science	1
Physical Training	1	Physical Training	1
French or German	3	French or German	3
Comp. and Rhet. (Eng. 1)	3	Comp. and Rhet. (Eng. 1)	3
Algebra (Math. 3)	3-5	Trigonometry (Math. 4)	3
Inorganic Chemistry (Chem. 3)	4	Inorganic Chemistry (Chem. 4)	4
	15 to 17		15

[1]On leave of absence, 1929-30.

Second Year, First Semester

	Hrs.
Military Science	1
French or German	3
Physiography (Geol. 1)	4
History or Economics	3
English, Journalism or Public Speaking	3
Drawing (M. E. 20)	2
	16

Second Year, Second Semester

	Hrs.
Military Science	1
French or German	3
Minerals and Rocks (Geol. 2)	4
History or Economics	3
English, Journalism or Public Speaking	3
Surveying (C. E. 1)	3
	17

Third Year, First Semester

	Hrs.
Historical Geology (103)	4
Introductory Physics (Phys. 1)	3
Physics Laboratory (Phys. 3)	1
Organic Chemistry (Chem. 31)	4
Elective	4 or 5
	16 or 17

Third Year, Second Semester

	Hrs.
Paleontology (Geol. 204)	4
Introductory Physics (Phys. 2)	3
Physics Laboratory (Phys. 4)	1
Elective	8 or 9
	16 or 17

Fourth Year, First Semester

	Hrs.
Structural Geology (205)	4
Crystallography and Optical Mineralogy (Geol. 285)	4
Elective	8 or 9
	16 or 17

Fourth Year, Second Semester

	Hrs.
Advanced Physiography (Geol. 208)	3
Microscopic Petrography (Geo. 287)	5
Elective	8 or 9
	16 or 17

Each student majoring in geology is required to present credit for Geology 163 or its equivalent in completing the schedule listed above.

Sequences

LOWER DIVISION:

Geology 1 and 3 give a general view of the subject.

Geology 2 and 11 introduce rocks and minerals and their uses.

Geology 1 and 9 is a combination for students in education.

UPPER DIVISION:

Geology 102 (or 1), 103 and 204 provide a good minor sequence for majors in botany or zoology.

Geology 285 and 287, or 2 and 285 are courses well fitted to majors in chemistry or physics.

Geology 102 (or 2), 110 and 211 is a sequence suggested for majors in economics. If time permits, Geology 3 or 103 should be included in this group.

Geology 116 and 208 continue the lower division courses for students of education. 108 is also desirable in this group.

Geology 102 (or 1), 103 (or 3) and 108, is a good general sequence and is specially recommended for students of journalism.

Lower Division Courses

1. **Physiography.** I, II. (4 Hrs.).
An introduction to the surface features of the earth. Three recitations, and one two-hour laboratory period weekly.
Assistant Professor FRIDLEY.

2. **Minerals and Rocks.** I, II. (4 Hrs.).
Three recitations, and one two-hour laboratory period weekly.

3. **Historical Geology.** I, II. (3 or 4 Hrs.).
Three recitations, and one two-hour laboratory period weekly. Prerequisite: Geology 1.
Professor TILTON.

9. **Geologic and Geographic Influences.** I, II. (2 Hrs.).
Prerequisite: Geology 1.
Assistant Professor FRIDLEY.

11. **Economic Geology.** I, II. (3 or 4 Hrs.).
An introduction to our useful minerals and rocks. Prerequisite: Geology 1, or Geology 2.
Professor GALPIN.

Upper Division Courses

102. **General Geology.** I, II. (3 or 4 Hrs.).
A study of the causes, processes and results of change on and in the earth. Three recitations, and one two-hour laboratory period weekly. Prerequisite: One year of chemistry.
Staff.

103. **Historical Geology.** I. (4 Hrs.).
Similar to Geology 3 but more advanced. Three recitations, and one two-hour laboratory period weekly. Prerequisite: Geology 1 or Geology 102.
Professor TILTON.

108. **Geology of West Virginia.** II. (2 or 3 Hrs.).
Two recitations, with or without one two-hour laboratory period, weekly.
Professor TILTON.

110. **Economic Geology, Building Stones and Rock Products.** II. (4 Hrs.).
Three recitations, and one two-hour laboratory period weekly. Prerequisite: Chemistry 2 or equivalent.

Professor GALPIN.

116. **Geography of North America.** I. (2 Hrs.).
Primarily for students in education. Prerequisite: Geology 9.

Assistant Professor FRIDLEY.

161. **Field Geology.** I. (3 Hrs.).
One recitation and two laboratory or field periods weekly. Prerequisite: Geology 103 or equivalent.

162. **Field Geology.** II. (3 Hrs.).
Continuation of Geology 161.

163. **Field Geology.** (5 Hrs.).
Summer field work away from the University. Prerequisite: Geology 103. See Summer Session Announcement for further information.

204. **Paleontology.** II. (4 Hrs.).
Invertebrate, vertebrate, and plant fossils, and their use in correlating strata. One recitation, and three two-hour laboratory periods weekly. Prerequisite: Geology 103.

Professor TILTON.

205. **Structural Geology.** I. (3 or 4 Hrs.).
A study of shapes and positions of rock masses in the earth, and origin of these features and their bearing upon recovery of oil and other mineral products. Three recitations, and one laboratory period weekly. Prerequisite: Geology 103.

208. **Advanced Physiography.** II. (3 Hrs.).
Includes a study of the surface features of the United States. Two recitations and one laboratory period weekly. Prerequisite: Geology 103.

Assistant Professor FRIDLEY.

211. **Economic Geology, The Mineral Fuels.** I. (3 or 4 Hrs.).
Three recitations and one laboratory period weekly. Prerequisite: Geology 103 and Chemistry 31.

Professor GALPIN.

266. **Field Geology** (Summer). (5 Hrs.).
A continuation of Geology 163. See Summer Session Announcement for particulars.

285. **Crystallography and Optical Mineralogy.** I. (4 Hrs.).
An introduction to the use of the polarizing microscope. Two recitations and two laboratory periods weekly. Prerequisite: Chemistry 2, Physics 4, or equivalents.

287. **Microscopic Petrography.** II. (4 or 5 Hrs.).
Course 285 continued. Two recitations and two or three laboratory periods weekly.

291. **Seminar.** I. (1 Hr.).
One period weekly for reports and discussions on geologic classics and current topics. Prerequisite: Geology 204.

Staff.

292. **Seminar.** II. (1 Hr.).
Continuation of 291.

Staff.

Graduate Division Courses

351. **Problems and Research.** I, II. (5 Hrs.).
Suited to the aims of the student.

Staff.

352. **Problems and Research.** II. (5 Hrs.).
Continuation of Geology 351.

Staff.

GERMANIC LANGUAGES AND LITERATURES

Professor PORTERFIELD, Assistant Professor WADEPUHL,
Miss ROESCH,[1] and Mr. .....

Note: The chief objective of the Department is to enable the student to read thoughtful German without the aid of a dictionary. Of courses 1, 2, 3, and 4, each is prerequisite to the next following, and the four combined are prerequisite to all other courses with the exception of 11 and 12, and 21 and 22, for which courses 1 and 2 alone are prerequisite.

Proposed Schedule

Students majoring in German are advised to base their schedules on upper division or graduate courses from the following subjects, which are listed here in the order of their importance: German, education, English, European history, Latin, Romance languages, modern philosophy, and Greek. Those who are not planning to teach German may omit the courses in education, but the sequence of subjects, from the angle of their desirability for a major in German, remains the same.

[1]Doing graduate work in Germany, 1930-1931.

Lower Division Courses

1. **Elementary German.** I, II. (3 Hrs.).
Pronunciation, syntax, reading, composition.
Professor PORTERFIELD, Assistant Professor WADEPUHL and Mr. .....

2. **Elementary German.** I, II. (3 Hrs.).
Continuation of Course 1.
Professor PORTERFIELD, Assistant Professor WADEPUHL and Mr. .....

3. **Intermediate German.** I. (3 Hrs.).
Rapid reading of prose by modern authors, memorizing of poems, dictation, composition.
Professor PORTERFIELD and Assistant Professor WADEPUHL.

4. **Intermediate German.** II. (3 Hrs.).
Continuation of Course 3.
Professor PORTERFIELD and Assistant Professor WADEPUHL.

11. **Spoken German.** I. (3 Hrs.).
Practice in the speaking and writing of German. Prerequisites: German 1 and 2, or equivalent.
Assistant Professor WADEPUHL and Mr. .....

12. **Spoken German.** II. (3 Hrs.).
Continuation of Course 11.
Assistant Professor WADEPUHL and Mr. .....

21. **Scientific German.** I. (3 Hrs.).
Intended primarily for students in science courses. Prerequisites: One year of college German or two years of high school German.
Assistant Professor WADEPUHL.

22. **Scientific German.** II. (3 Hrs.).
Continuation of Course 21.
Assistant Professor WADEPUHL.

Upper Division Courses

205. **Classical German.** I. (3 Hrs.).
Critical study of selected works by Wieland, Lessing, Gœthe, and Schiller. [Omitted in 1930-31].
Professor PORTERFIELD.

206. **Classical German.** II. (3 Hrs.).
Continuation of Course 205.
Professor PORTERFIELD.

207. Modern German. I. (3 Hrs.).
Appreciative study of representative novels and dramas by Hermann Sudermann. [Omitted in 1930-31].

Professor PORTERFIELD.

208. Modern German. II. (3 Hrs.).
Appreciative study of representative novels and dramas by Gerhart Hauptmann.

Professor PORTERFIELD.

209. Nineteenth Century Drama. I. (3 Hrs.).
Critical study of selected dramas by Kleist, Grillparzer, Hebbel, Ludwig.

Professor PORTERFIELD.

210. Nineteenth Century Drama. II. (3 Hrs.).
Continuation of Course 209.

Professor PORTERFIELD.

231. Written German. I. (3 Hrs.).
Advanced syntax and composition. Required work for all students majoring in German.

Assistant Professor WADEPUHL.

232. Written German. II. (3 Hrs.).
Continuation of Course 231.

Assistant Professor WADEPUHL.

241. Faust, Part I. I. (3 Hrs.).
Open to qualified undergraduates.

Professor PORTERFIELD.

242. Faust, Part II. II. (3 Hrs.).
Prerequisite: Course 241.

Professor PORTERFIELD.

245. History of German Literature, 1796-1870. I. (3 Hrs.).
[Omitted in 1930-31].

Professor PORTERFIELD.

246. History of German Literature, 1870-1914. II. (3 Hrs.).
Continuation of Course 245.

Professor PORTERFIELD.

251. History of German Language. I. (3 Hrs.).
Open to qualified undergraduates. Required of all majors who are planning to teach German.

Professor PORTERFIELD.

252. **History of German Language.** II. (3 Hrs.).
Continuation of Course 251.

Professor PORTERFIELD.

Graduate Division Courses

311. **Middle High German.** I. (3 Hrs.).
Intensive study of *Der Nibelunge Not* (Bartsch). Prerequisites: Eighteen hours of German from the Lower Division, German 251, 252, and English 231 and 232.

Professor PORTERFIELD.

312. **Middle High German.** II. (3 Hrs.).
Intensive study of *Walther von der Vogelweide* (Paul). Prerequisites: Same as for course 311.

Professor PORTERFIELD.

HISTORY

Professors AMBLER, CALLAHAN, and CHITWOOD, Assistant Professors MACKAY[1] and BARNHART, and Dr. SHANKS, Dr. DIXON and Dr. LOTHROP.

FRESHMEN AND SOPHOMORES—All freshman and sophomore courses are offered as lower division "year courses." These courses run through the year, but in no case is the first half year a prerequisite for the second half. For example, course 4 is not a prerequisite for course 5. Courses 4 and 5 make up the introductory freshman year in history, but freshmen who have high school credit for European history may, and those who expect to major in English or to enter the Law School should, take English history, courses 27 and 28. These courses are also prerequisites for advanced work in English history. Courses 52 and 53 are primarily for sophomores and are not open to freshmen. A freshman may not take more than one "year course" at a time, and a sophomore may take two "year courses" only by permission of the adviser and the Department of History.

JUNIORS AND SENIORS—All courses for juniors and seniors are in the upper division, and no other courses are open to them. In this division juniors should take only courses numbered between 100 and 199. These courses should be selected with reference to major subjects. The following, in the order named, are suggested: first semester, 151, 150, 132, 107, 154, 175, and 101; second semester, 151, 150, 106, 156, and 161. All courses should be selected after consultation with advisers and the Department of History.

[1]On leave of absence, 1930-31.

MAJORS—Before graduation history majors are required to complete eighteen hours in upper division courses, including Course 276, Introduction to Historical Method and Bibliography. Six hours in political science and six hours in economics are also required in addition to the special requirements for the A. B. degree. Students who expect to major in history should complete the following subjects, or their equivalents, in their freshman and sophomore years: English, 6 hours; French or German, 12 hours; history, 12 hours; zoology, botany, geology, or biology, 8 hours; and political science or economics, 6 hours. In planning further work in history students should consult the department in order that advanced courses may be properly correlated, as well as suited to individual needs and tastes. One lower division "year course" or equivalent, is a prerequisite for a major, but prospective majors are advised to take two such courses. Students who major in history must secure the advice of the department.

Lower Division Courses

4-5. Modern Europe. I, II. (3 Hrs.).
For freshmen. First semester ends at 1815.
Assistant Professor MACKAY, Dr. SHANKS, and Dr. LOTHROP.

27-28. History of England. I, II. (3 Hrs.).
For freshmen and sophomores.
Dr. DIXON, Assistant Professor BARNHART, and Dr. SHANKS.

52-53. History of the United States. I, II. (3 Hrs.).
For sophomores. First semester ends at 1840.
Professor CHITWOOD and Assistant Professor BARNHART.

Upper Division Courses

101. Ancient History. I. (3 Hrs.).
Dr. LOTHROP.

106. Medieval Europe. II. (3 Hrs.).
Prerequisite: One college course in European history.
Assistant Professor MACKAY.

107. The French Revolution and the Napoleonic Era. I. (3 Hrs.).
Prerequisite: One college course in European history.
Dr. SHANKS.

111-112. Modern Europe. I, II. (3 Hrs.).
For those who have not had course 4 and course 5, or their equivalents, and who do not major in history.
Assistant Professor MACKAY and Dr. SHANKS.

132. Canada and the British Empire. I. (3 Hrs.).
Prerequisite: A general course in history.
Dr. DIXON.

133-134. Economic and Social England. I, II. (3 Hrs.).
For those who have not had courses 27 and 28, or equivalents.
Dr. DIXON.

150. History of West Virginia. I, II. (3 Hrs.).
Professor AMBLER.

151. American Colonial History. I, II. (3 Hrs.).
Professor CHITWOOD.

154-156. Development of the West. I, II. (3 Hrs.).
Prerequisite: Courses in American history. Course 154 ends about 1820.
Professor AMBLER and Assistant Professor BARNHART.

161. History of Latin-America. (3 Hrs.).
[Omitted 1930-31].

175. History of American Political Parties. I. (3 Hrs.).
Prerequisites: Courses 52 and 53 or equivalents.
Assistant Professor BARNHART.

214. The Renaissance and the Reformation. I. (3 Hrs.).
Prerequisites: Courses 4 and 5 or their equivalents.
Assistant Professor MACKAY.

215-216. Growth of Contemporary Europe. I, II. (3 Hrs.).
Prerequisite: A general course in history.
Professor CHITWOOD.

235. British Reform Movements. II. (3 Hrs.).
Primarily for seniors who have had courses 27 and 28 or equivalents.

236. English Constitutional History to 1720. I. (3 Hrs.).
Prerequisites: Courses 27 and 28 or equivalents.
Dr. DIXON.

255. American Constitutional Development. I. (3 Hrs.).
Prerequisites: Courses 52 and 53 or equivalents.
Professor CALLAHAN.

257. The Slavery Controversy in the United States. II. (3 Hrs.).
Prerequisites: Courses 52 and 53 or equivalents.
Professor AMBLER.

258. **Reconstruction and National Development, 1865-1898.** I. (3 Hrs.). Primarily for history majors but open to others with basic courses in American history.

Professor AMBLER.

259. **Recent American History.** II. (3 Hrs.).
For history majors but open to others with basic courses in American history.

Professor AMBLER.

260. **American Foreign Policy and Diplomacy, 1776-1830.** I. (3 Hrs.). Prerequisites: Courses 52 and 53 or equivalents.

Professor CALLAHAN.

264. **Problems of the Pacific.** (3 Hrs.).
[Omitted 1930-31].

276. **Introduction to Historical Method and Bibliography.** I, II. (3 Hrs.).
This course is prescribed in the senior year for all history majors.

Professor AMBLER.

Graduate Division Courses

Students may receive credit for work done on masters' theses to an amount not to exceed five hours, which credit shall be determined, in each case, by the department.

318. **Seminar: Causes of the World War.** II. (3 Hrs.).

Professor CHITWOOD.

363. **Seminar: Anglo-American Relations.** I. (2 Hrs.).

Professor CALLAHAN.

364. **Seminar: Latin-American Relations.** II. (3 Hrs.).

Professor CALLAHAN.

369. **Seminar: West Virginia History.** II. (2 Hrs.).

Professor AMBLER.

370. **Seminar: Preparation of Theses.** I. (3 Hrs.).

Professor CALLAHAN.

371. **Seminar: European History.** II. (2 Hrs.).

381. **Colonial Institutions.** II. (3 Hrs.).

Professor CHITWOOD.

386. **Seminar: American History.** I. (3 Hrs.).

HOME ECONOMICS

Courses in this subject are offered in the College of Arts and Sciences and in the College of Agriculture. For detailed description of these courses see the announcements of the College of Agriculture.

HORTICULTURE

(See Agriculture.)

INTERNATIONAL LAW

(See Political Science.)

INTERNATIONAL RELATIONS

(See History and Political Science.)

JOURNALISM

Professor REED and Mr. EVANS.

The Department of Journalism coordinates various activities in the field of journalism: the journalism courses, the University Bureau of Information, student-publication enterprises, and professional service both to state newspaper editors and publishers and to advisers and staffs of high school publications.

The courses offered are designed for three classes of students: those who wish to make journalistic training and practice the nucleus of a general education; those who believe that familiarity with standard newspaper practice and successful public-relations methods is indispensable in present-day business and professional affairs; and those who contemplate reportorial and literary work or the editing and management of newspapers, magazines or special periodicals as a career.

The journalism laboratory is equipped like the city room of a newspaper office and contains typewriters, a "U" copydesk, a "morgue" and reference books. Connected with it are reading, editorial, conference, and lecture rooms.

Major students are required to earn at least thirty hours of credit in the courses named below, and at least twelve hours of credit in some related minor subject. They are expected to do extensive practical work on the college newspaper and other publications, and also to spend the summer at the end of their junior year on the staff of an approved newspaper.

CURRICULUM

Major students in journalism will use the following flexible curriculum as their schedule of studies from year to year. Courses in journalism are not open to freshmen.

Freshman Year

First Semester	Hrs.	Second Semester	Hrs.
Composition and Rhetoric	3	Composition and Rhetoric	3
Foreign Language	3-5	Foreign Language	3-5
Science	4	Science	4
Modern Europe	3	Modern Europe	3
Military Science (men)	1	Military Science (men)	1
Phys. Ed. (men and women)	1	Phys. Ed. (men and women)	1
Ancient Civilization (elect.)	2	History of Rome (elect.)	2
	16-18		16-18

Sophomore Year

First Semester	Hrs.	Second Semester	Hrs.
Newspaper Reporting	3	Newspaper Reporting	3
Survey of Eng. Lit.	3	Survey of Eng. Lit.	3
Foreign Language	2-3	Foreign Language	2-3
Principles of Economics	3	Principles of Economics	3
Amer. Fed. Government	3	State and Local Gov't.	3
Military Science (men)	1	Military Science (men)	1
Electives	1-3	Electives	1-3
	15-17		15-17

Junior Year

First Semester	Hrs.	Second Semester	Hrs.
Copy Editing	3	Copy Editing	3
Feature Writing	3	History of Amer. Journalism	3
Amer. Political History	3	Amer. Political History	3
Intro. to Psychology	3	Intro. to Phil. or Logic	3
Electives	3-5	Electives	3-5
	15-17		15-17

ELECTIVES RECOMMENDED

First Semester	Hrs.	Second Semester	Hrs.
Money, Credit and Banking	3	Community Newspaper	2
Marketing Methods	3	Newspaper Advertising	3
Business Organization	3	Labor Problems	3
Investments and Speculation	2	Public Finance	4
Railroad Transportation	3	Marketing Problems	3
American Literature	3	Business Finance	3
Victorian Poetry	2	English Language	3
Tennyson	2	Victorian Prose	2
Description and Narration	3	Browning	3
Wordsworth and Nature Poetry	2	Short Story Writing	3
History of Art	2	Civil War Period	3
Devel. British Empire	2	Public Discussion	2
Debating	2	Rural Sociology	3
Principles of Sociology	3		

Senior Year

First Semester	Hrs.	Second Semester	Hrs.
Editorial Writing	3	Journalism Ethics	3
Advanced Reporting	3	Newspaper Management	2
History of Amer. Diplomacy	2	Recent Amer. History	2
Social Psychology	3	Shakespeare	3
Electives	4-6	Electives	5-7
	15-17		15-17

ELECTIVES RECOMMENDED

First Semester	Hrs.	Second Semester	Hrs.
Relation of Gov't. to Econ. Ent.	2	Jour. Critical Writing	2
Retail Store Management	3	Teaching Journalistic Writing	2
Industrial Management	3	Editing Special Periodicals	2
Business Law	3	Industrial Management	3
Types of American Fiction	2	Business Law	3
Literary Criticism	2	Modern Drama	3
Old Testament	3	New Testament	3
Essay	3	Novel	3
Reconstruction and Nat'l. Dev.	3	Relations with Latin America	2
Anglo-American Relations	2	American Diplomatic Problems	2
Municipal Government	3	Continental Europe	3
American Politics	2	Municipal Administration	3
Ancient and Medieval Thought	3	International Law	2
Contemporary Thought	2	Gov'ts of Continental Europe	2
Race Problems	2	Development of Religion	2
Crime and Punishment	2	Modern Thought	3
Social Origins	2	Immigration	2
		Poverty and Relief	2

Lower Division Courses

1. **Newspaper Reporting.** I, II. (3 Hrs.).
Two lectures and three laboratory hours. Prerequisites: English 1 and 2 with a final grade of B or higher in each. Students are required to know how to use a typewriter, or to acquire such knowledge during the first half of the semester.
Professor REED and Mr. EVANS.

Note: Students receiving a grade below B in Journalism 1 are advised not to continue work in this department.

2. **Newspaper Reporting.** I, II. (3 Hrs.).
Two lectures and three laboratory hours. Continuation of Journalism 1, which is a prerequisite.
Professor REED and Mr. EVANS.

Upper Division Courses

103. **Copy Editing.** I. (3 Hrs.).
Three three-hour laboratory periods. Prerequisites: Journalism 1 and 2, or consent of instructor.
Mr. EVANS.

104. **Copy Editing.** II. (3 Hrs.).
Three three-hour laboratory periods. Prerequisites: Journalism 103 or consent of instructor.
Mr. EVANS.

108. **The Community Newspaper.** II. (2 Hrs.).
Prerequisites: Journalism 1 and 2, or consent of instructor.
Mr. EVANS.

113. **Newspaper Advertising.** II. (3 Hrs.).
Mr. EVANS.

115. **Teaching Journalistic Writing.** II. (2 Hrs.).
Professor REED.

125. **Newspaper Management.** II. (2 Hrs.).
Prerequisites: Journalism 1, 2, 103, and 104, or consent of instructor. [Omitted 1930-31].
Mr. EVANS.

127. **History of American Journalism.** II. (3 Hrs.).
Professor REED.

128. **Advanced Reporting and Law of the Press.** I. (3 Hrs.).
For seniors in journalism.
Mr. EVANS.

220. **Feature Writing.** I. (3 Hrs.).
For seniors and graduates.

Professor REED.

221. **Journalistic Critical Writing.** II. (2 Hrs.).
For seniors and graduates.

Professor REED.

226. **Editing Special Periodicals.** II. (2 Hrs.).
Journalistic practice as adapted to the particular needs of professions, business, industry, technology, and the like. Prerequisites: Journalism 1, 2, 103, and 104, or consent of the instructor. [Omitted 1930-31].

Professor REED.

230. **Editorial Writing.** I. (3 Hrs.).
For seniors and graduates.

Professor REED.

231. **Journalism Ethics.** II. (3 Hrs.).
For seniors and graduates. [Omitted 1930-31.]

Professor REED.

LIBRARY METHODS

Dr. ARNETT and Mrs. HITE.

1. **Library Methods.** I. (2 Hrs.).
An introductory course for the purpose of acquainting students with the University Library and the practice of library methods; instruction in the use of catalogues, indexes, and general reference books, and in the selection and purchase of books.

2. **Library Methods.** II. (2 Hrs.).
Theory and practice of library methods, including elementary cataloguing, classification, binding, and repair of books, loan desk, etc.

3. **Advanced Study and Practice in Library Methods.** I. (2 Hrs.).
Intended for those specializing for library work. Hours to be arranged.

MATHEMATICS

Professor EIESLAND, Associate Professors REYNOLDS, TURNER, MATHEWS,[1] and COLE, Assistant Professors DAVIS and VEHSE, and Mr. BLACK, Mr. ARCHIBALD, Mr. CHAMBERS, Miss WINTERS, and Mr. SHINN.

COLLEGE OF ARTS AND SCIENCES. Students who enter from high school with only one unit of algebra and one unit of plane geometry must elect course 9 before being admitted to any further courses, except 2 and 10.

Students who wish to fulfill requirements for mathematics as a teaching subject are advised to take courses 2, 3, 4, 5, 6, 107 and 108, or, in case the student enters with only one unit in algebra and one unit in plane geometry, the courses 2, 9, 10, 5, 6, 107 and 108.

PREPARATION FOR THE MAJOR. Courses 2, 3, 4, 5 and 6. Students who have had only one unit in algebra, courses 2, 9, 10, 5, 6. If a student comes well prepared in mathematics the upper division courses 107 and 108 may be taken while he is still a student in the lower division.

THE MAJOR. Mathematics 107, 108, 240, 241, 242, 243, or 107, 108, 240, 241, 242, 244. Students who have had descriptive geometry or a calculus course in mechanics will be given suitable credit for these as major subjects. The courses 240, 241, and 242 are however required of all majors. The courses 230 or 290 may also be elected as a major subject instead of 243 or 244. With the approval of the department, Astronomy 251 and 252 may also be accepted as part of the major.

ENGINEERING STUDENTS. Courses 3, 4, 5, 6, 107 and 108. Course 2 is required for entrance and must be absolved before admittance to course 107.

Lower Division Courses

2. **Solid Geometry.** I, II. (3 Hrs.).
Prerequisite: Plane geometry. If offered to remove entrance condition, one-half unit.

Mr. SHINN.

3. **College Algebra.** I, II. (3 Hrs.).
Prerequisites: One and one-half units of algebra and one unit of plane geometry.

Professor EIESLAND and staff.

4. **Plane Trigonometry.** I, II. (2 Hrs.).
Prerequisites: One and one-half units of algebra and one unit of plane geometry.

Professor EIESLAND and staff.

[1]Died October 20, 1929.

5. **Analytic Geometry.** I, II. (3 Hrs.).
Prerequisites: College algebra and plane trigonometry.
Professor EIESLAND and staff.

6. **Trigonometry and Topics in Algebra.** I, II. (2 Hrs.).
This course includes topics in plane trigonometry and advanced algebra and ten lessons in spherical trigonometry with application to the astronomical triangle. Prerequisites: College algebra and plane trigonometry.
Professor EIESLAND and staff.

9. **College Algebra.** I. (5 Hrs.).
Prerequisites: One unit of algebra and one unit of plane geometry.
Assistant Professor DAVIS.

10. **Plane Trigonometry.** II. (3 Hrs.).
Prerequisites: One unit of algebra and one unit of plane geometry.
Mr. BLACK.

11. **Mathematics for Agricultural Students.** (3 Hrs.).
Prerequisites: One unit of elementary algebra and one unit of plane geometry.
Assistant Professor DAVIS.

28. **Mathematical Theory of Investment.** II. (3 Hrs.).
Primarily for students in economics and sociology. The following are among the topics treated: Review of logarithms, interest and annuities, amortization, valuation of bonds, sinking funds and depreciation, theory of probability, life insurance. Prerequisite: Course 3 or 9.

Upper Division Courses

107. **Differential and Integral Calculus.** I, II. (3 Hrs.).
Prerequisites: Courses 2, 3, 4, 5, 6 or 2, 9, 10, 5, 6. (Conference hours, T., Th.)
Professor EIESLAND and staff.

108. **Differential and Integral Calculus.** I, II. (3 Hrs.).
A continuation of Course 107. (Conference hours, T., Th.)
Professor EIESLAND and staff.

Note: In courses 107 and 108 the part denoted as "conference," two hours weekly, is not intended to increase the amount of prepared work. It really amounts to two hours weekly of study in preparation for the regular class recitation with the help and guidance of the teacher. Attendance at these conferences is required.

230. **Teachers' Course in Secondary School Mathematics.** (3 Hrs.). Prerequisites: Courses 107 and 108. This course is devoted to the study of the logical structure of elementary algebra, plane and solid geometry with special reference to the problems of teaching these subjects in high schools. Offered in Summer School only.
Associate Professor REYNOLDS.

240. **Differential Equations.** I. (3 Hrs.)
Prerequisites: Courses 107 and 108.
Professor EIESLAND.

241. **Theory of Determinants and Analytic Geometry of Space.** I. (3 Hrs.).
Associate Professor TURNER.

242. **Advanced Calculus.** II. (3 Hrs.).
Professor EIESLAND.

243. **Projective Geometry.** (3 Hrs.).
Associate Professor TURNER.

244. **The Theory of Equations.** I. (3 Hrs.).
Assistant Professor DAVIS.

251. **Descriptive Astronomy.** II. (3 Hrs.).
Prerequisites: Courses 107 and 108.
Professor EIESLAND.

252. **Practical Astronomy.** II. (1 Hr.).
Sextant work and work with a portable transit. In combination with 251.

290. **Vector Analysis.** II. (3 Hrs.).
Assistant Professor VEHSE.

Graduate Division Courses

301. **Differential Geometry and Theory of Surfaces.** I. (3 Hrs.).
Professor EIESLAND.

302. **Differential Geometry and Theory of Surfaces.** II. (3 Hrs.).
Professor EIESLAND.

303. **Higher Algebra.** I. (2 Hrs.).
This course is based on Bocher's Introduction to Higher Algebra.
Associate Professor REYNOLDS.

304. **Higher Algebra.** II. (2 Hrs.).
Continuation of Course 303.
Associate Professor REYNOLDS.

305. **Introduction to the Theory of Functions of a Complex Variable. I. (3 Hrs.).**

Associate Professor REYNOLDS.

306. **Introduction to the Theory of Functions of a Complex Variable. II. (3 Hrs.).**

Associate Professor REYNOLDS.

307. **Higher Plane Curves with Special Reference to Curves of the Third and Fourth Order. I. (3 Hrs.).**

Associate Professor TURNER.

308. **Higher Plane Curves with Special Reference to Curves of the Third and Fourth Order. II. (3 Hrs.).**

Associate Professor TURNER.

309. **Linear and Quadratic Line Complexes. I. (3 Hrs.).**
Methods of Pluecker, Klein, and Lie. Prerequisites: Courses 301 and 302.

Professor EIESLAND.

310. **Linear and Quadratic Complexes. II. (3 Hrs.).**
Continuation of Course 309.

Professor EIESLAND.

311. **Algebraic Surfaces. I. (3 Hrs.).**

Associate Professor TURNER.

312. **Algebraic Surfaces. II. (3 Hrs.).**
Continuation of Course 311.

Associate Professor TURNER.

313. **Algebraic Geometry and Theory of Abelian Integrals. I. (3 Hrs.).**

Professor EIESLAND.

314. **Algebraic Geometry and Theory of Abelian Integrals. II. (3 Hrs.).**
Continuation of Course 313.

Professor EIESLAND.

315. **Theory of Finite Groups. I. (3 Hrs.).**

Assistant Professor DAVIS.

316. **Theory of Finite Groups. II. (3 Hrs.).**
Continuation of Course 315.

Assistant Professor DAVIS.

317. **Theory of Functions of the Real Variable. I. (3 Hrs.).**

Associate Professor REYNOLDS.

318. **Theory of Functions of the Real Variable. II. (3 Hrs.).**
Continuation of Course 317.

Associate Professor REYNOLDS.

PHILOSOPHY AND PSYCHOLOGY

Professors WINTER and STALNAKER, and Assistant Professor CRESSWELL.

NOTICE TO STUDENTS. There is such wide diversity in the preparation, needs and aims of individual students that the department cannot lay down inflexible rules with regard to sequence of courses.

Psychology 1 is prerequisite to all other courses in the department. Philosophy 4 precedes all other courses in philosophy.

In general, lower division courses precede upper division courses. In the upper division the courses as listed below are arranged in the order best suited to a progressive development of the fields of philosophy and psychology respectively.

MAJORS. Students who desire to do their major work in this department should first consult with the head of the department.

A major in philosophy and psychology includes at least twenty-five hours of work in the department. Students may major in either philosophy or psychology. Majoring in either of these branches will include at least one course in the other.

The sequence of courses for each major will be arranged so as to give the student the best foundation for the type of work he wishes to pursue.

RELATED COURSES. Various departments offer courses of special value to students of philosophy and psychology. Following is a list of these courses.

For students in philosophy: Classical Civilization 139 (Greek Life and Thought); ancient or medieval history or both; Sociology 243; and at least 12 hours in one of the sciences or mathematics.

For students in psychology: zoology; physiology; and sociology.

Students whose work shows a marked deficiency in English will be required to take a course in advanced composition.

Students who expect to continue their study of philosophy or psychology in a graduate school, either here or elsewhere, are advised to take at least 12 hours of both German and French.

PHILOSOPHY

Lower Division Courses

4. **Introduction to Philosophy.** I, II. (3 Hrs.).
In this course an attempt will be made to suggest modes of integrating life and knowledge through an examination of certain recurrent types of philosophy from Naturalism to Idealism. Prerequisite: Psychology 1.

Assistant Professor CRESSWELL.

11. **Ethics.** I. (3 Hrs.).
A discussion of ethical theory intended to introduce some degree of system into the practical moral life. Prerequisite: Psychology 1.
Assistant Professor CRESSWELL.

Upper Division Courses

106. **Logic.** I. (3 Hrs.).
An investigation of the principles of deductive and inductive logic with particular reference to their application in science. Prerequisites: Psychology 1, Philosophy 4.
Assistant Professor CRESSWELL.

112. **History of Ancient and Medieval Philosophy.** I. (3 Hrs.).
A survey of philosophic thought from Fifth Century Greece to Renaissance Italy. Besides studying the general philosophical currents, the student will be expected to familiarize himself in some detail with one system of thought selected from this period. Prerequisites: Psychology 1, Philosophy 4.
Assistant Professor CRESSWELL.

113. **History of Modern Philosophy.** II. (3 Hrs.).
A continuation of Philosophy 112, ending with German Idealism. Prerequisites: Psychology 1, Philosophy 4.
Assistant Professor CRESSWELL.

120. **The Philosophy of Plato.** I. (3 Hrs.).
A critical reading and discussion of several of Plato's dialogues. Prerequisites: Psychology 1, Philosophy 4, and three other hours in philosophy, preferably Philosophy 112.
Assistant Professor CRESSWELL.

208. **Philosophy of Religion.** II. (3 Hrs.).
An attempt to determine the meaning and value of religion through a discussion of various historical religions. Prerequisites: Psychology 1, Philosophy 4, and three other hours in philosophy.
Assistant Professor CRESSWELL.

214. **Contemporary Philosophy.** I. (3 Hrs.).
A consideration of two or more contemporary philosophic currents. Prerequisites: Psychology 1, Philosophy 4, and three other hours in philosophy.
Assistant Professor CRESSWELL.

217. **Seminar in Metaphysics.** I. (2 Hrs.).
A critical study of a selected system of thought. Prerequisites: Psychology 1, Philosophy 4, 112, 113, and 106.
Assistant Professor CRESSWELL.

218. Aesthetics. II. (3 Hrs.).
An attempt to determine the meaning and value of art through an examination of the various fine arts, especially literature. Prerequisites: Psychology 1, and Philosophy 4.

Assistant Professor CRESSWELL.

PSYCHOLOGY

Lower Division Courses

1. **Introduction to Psychology.** I, II. (3 Hrs.).
Not open to freshmen. This course is designed to familiarize the student with the principal phenomena of mental life, and is prerequisite to all other courses in psychology and philosophy.

Professors WINTER and STALNAKER.

10. **Applied Psychology.** II. (3 Hrs.).
A study of the application of psychology to medicine and law. Prerequisite: Course 1.

Professor WINTER.

12. **Experimental Psychology.** I, II. (3 Hrs.).
This course gives the student a general acquaintance with experimental psychology. It includes lectures, collateral reading and experiments, and may be taken simultaneously with course 1.

Professors WINTER and STALNAKER.

Upper Division Courses

116. **Social Psychology.** I. (3 Hrs.).
A study of the psychological factors in social life, including an inquiry into the foundation for the divergent types of thinking in conflicting groups. Prerequisite: Course 1.

Professor WINTER.

119. **Clinical Psychology.** II. (3 Hrs.).
This course deals with the analysis, the evaluation, and the interpretation of the psychological findings as revealed in clinical examinations. Prerequisite: Psychology 1.

Professors WINTER and STALNAKER.

122. **Genetic Psychology.** I. (3 Hrs.).
The purpose of this course is to trace the development of the intellect, the skills, the emotional tendencies, and the moral habits of the human individual from infancy to adult life. Prerequisite: Psychology 1.

Professor STALNAKER.

124. Mental Measurement. I. (3 Hrs.).
This course will include a critical study of mental tests, and the statistical methods involved in their evaluation. Prerequisite: Course 1.

Professor STALNAKER.

126. Advanced Experimental Psychology. I. (2 Hrs.).
Students in this course will be given individual problems for experimentation. Prerequisites: Courses 1, 12, 116, and 124.

Professor WINTER.

129. Abnormal Psychology. II. (2 Hrs.).
A study of the variants of normal consciousness in their relation to normal mental life. Prerequisite: Course 1.

Professor STALNAKER.

230. Advanced Psychology. II. (3 Hrs.).
Open to seniors and graduates. A critical constructive study of systematic psychology. Prerequisites: Courses 1 and 12, and one course in philosophy.

Professor WINTER.

240. History of Psychology. I. (2 Hrs.).
Open to seniors and graduates. A survey of the developments of psychological theory with special emphasis upon modern psychological problems. Prerequisites: Courses 1 and 12 in psychology and two courses in philosophy.

Professor WINTER.

245. Seminar. I. (2 Hrs.).
Open to seniors and graduates. A critical study of the current literature of psychology. Prerequisites: Courses 1, 12, 116, and 124 in psychology.

Professor WINTER.

PHYSICAL EDUCATION

(See announcements in physical education, 297-316.)

PHYSICS

Professor COLWELL, Professor MOLBY, Assistant Professor FORD,[1] Assistant Professor OVREBO, Mr. MYERS, Mr. OWENS, and Mr. WILLIAMSON.

The various courses offered in physics are designed to meet the needs of the students in the Colleges of Arts and Sciences, Agriculture, Engineering and the School of Medicine. All the courses are divided into lower and upper divisions.

The courses of the lower division will satisfy the requirements of all the colleges so far as physics is concerned. Majors in physics or mathematics will choose courses from the upper group at the beginning of the junior year.

[1]On leave of absence for the year 1929-30.

Students who intend to major in physics should be guided to some extent by the following outline:

Freshman Year—English, Algebra, Trigonometry, Introductory Physics, French, some required subjects.

Sophomore Year—Analytical Geometry, Calculus, Problems in Physics, German, General Physical Laboratory or Chemistry (or Radio or Photography), Public Speaking, some required subjects.

Junior Year—Light, Electrical Measurements, Advanced Radio, Differential Equations, German, some required subjects.

Senior Year—Modern Electrical Theory or Electricity and Magnetism, Theoretical Mechanics, Vector Analysis, Intermediate Physical Laboratory.

Lower Division Courses

1. **Introductory Physics.** I. (3 Hrs.).
Primarily for freshmen. Required of all students in the College of Agriculture and the School of Medicine. This course must be accompanied by the laboratory work of Course 3. Prerequisites: plane geometry and algebra. This course takes up mechanics, sound and heat.

Professor COLWELL, Assistant Professor OVREBO and Mr. WILLIAMSON.

2. **Introductory Physics.** II. (3 Hrs.).
Primarily for freshmen. A continuation of Course 1 which is a prerequisite. This course must be accompanied by the laboratory work of Course 4. This course includes electricity, magnetism and light.

Professor COLWELL, Assistant Professor OVREBO and Mr. WILLIAMSON.

3. **Introductory Physical Laboratory.** I. (1 Hr.).
Primarily for freshmen. This course accompanies and is required of all students who take Course 1. One laboratory period per week.

Professor MOLBY and staff.

4. **Introductory Physical Laboratory.** II. (1 Hr.).
Primarily for freshmen. A continuation of Course 3.

Professor MOLBY and staff.

9. **A Problem Course in General Physics.** I. (2 Hrs.).
Open to students who have taken, or are taking Physics 1, 2, 3, and 4, or the equivalent; not open to students who have taken Physics 105, 106, 107 and 108.

Mr. OWENS.

10. **Problems in General Physics.** II. (2 Hrs.).
Continuation of Course 9.

Mr. OWENS.

13. **Introductory Radio-Telegraphy and Radio-Telephony.** I. (3 Hrs.).
Prerequisites: Physics 1, 2, 3, and 4, or the equivalent.

Mr. MYERS.

14. **Introductory Radio-Telegraphy and Radio-Telephony.** II. (3 Hrs.).
A continuation of Course 13 which is prerequisite.

Mr. MYERS.

17. **General Laboratory.** I, II. (2 Hrs.).
Primarily for sophomores and juniors. This course is designed to meet the needs of students who desire more laboratory work than that offered in Physics 3, 4. Prerequisites: Courses 3 and 4.

Professor MOLBY.

Upper Division Courses

105. **General Physics.** I. (4 Hrs.).
Required of all candidates for engineering degrees and recommended for all students who major in mathematics. Not open to students who have credit in Course 1. Prerequisites: trigonometry and analytic geometry. No student is permitted to take this course without its accompanying laboratory exercise which is Course 107. The course comprises mechanics, sound and heat.

Mr. WILLIAMSON.

106. **General Physics.** II. (4 Hrs.).
A continuation of Course 105. Not open to students who have credit in Courses 1 and 2. No student is permitted to take this course without its accompanying laboratory exercise which is Course 108. This course covers light, electricity and magnetism.

Mr. WILLIAMSON.

107. **General Physical Laboratory.** I. (1 Hr.).
This is a companion course for Physics 105.

Professor MOLBY and staff.

108. **General Physical Laboratory.** II. (1 Hr.).
A continuation of Course 107.

Professor MOLBY and staff.

116. **Photography.** II. (2 Hrs.).
For science majors. One lecture and one laboratory exercise a week.

Professor MOLBY.

121. **Light.** I. (3 Hrs.).
Lectures and laboratory work. This course is designed to meet the needs of students in general biology, chemistry, and medicine. Prerequisites: Physics 1, 2, 3, 4, and trigonometry, or Physics 105, 106, 107, and 108.

Professor MOLBY.

123. **Electrical Measurements.** I. (3 Hrs.).
Primarily for juniors. Prerequisites: Physics 1, 2, 3, 4, or 105, 106, 107, and 108, and integral calculus.

Mr. MYERS.

124. **Radio-Telegraphy and Radio-Telephony.** II. (3 Hrs.).
Open to seniors. Elective for seniors in electrical engineering. Prerequisites: Physics 1, 2, 3, and 4, or their equivalent, and integral calculus.

Mr. MYERS.

225. **Modern Electrical Theory.** I. (3 Hrs.).
Designed especially for students majoring in the natural sciences. Open to all seniors. Prerequisites: Physics 1, 2, 3, and 4, or 105, 106, 107, and 108, and Mathematics 3 and 4, or the equivalent.

Mr. WILLIAMSON.

226. **Modern Electrical Theory.** II. (3 Hrs.).
Continuation of Course 225.

Mr. WILLIAMSON.

231. **Theoretical Mechanics.** I. (3 Hrs.).
Open to seniors. Prerequisites: Physics 1, 2, 3, and 4, or 105, 106, 107, and 108, and integral calculus.

Professor COLWELL.

232. **Theoretical Mechanics.** II. (3 Hrs.).
Continuation of Physics 231.

Professor COLWELL.

233. **Electricity and Magnetism.** I. (3 Hrs.).
Open to seniors. Prerequisites: Physics 105, 106, 107, and 108, and integral calculus.

Assistant Professor OVREBO.

234. **Electricity and Magnetism.** II. (3 Hrs.).
A continuation of course 233, which is prerequisite.

Assistant Professor OVREBO.

241, 243, 245, 247. Physics Seminar. I. (1 Hr.).
Open to seniors and graduates. A discussion of modern research in physics.

Professor COLWELL.

242, 244, 246, 248. Physics Seminar. II. (1 Hr.).
Similar to Course 241.

Professor COLWELL.

249. Intermediate Laboratory. I. (1 to 4 Hrs.).
Open to seniors who major in physics. Prerequisites: 105, 106, 107, and 108.

Professor COLWELL.

250. Intermediate Laboratory. II. (2 to 4 Hrs.).
A continuation of Course 249.

Professor COLWELL.

Graduate Division Courses

381. Physical Optics. I. (3 Hrs.).

Professor MOLBY.

382. Physical Optics. II. (3 Hrs.).

Professor MOLBY.

383. Kinetic Theory of Gases and Molecular Physics. I. (3 Hrs.).

Professor COLWELL.

384. Kinetic Theory of Gases and Molecular Physics. II. (3 Hrs.).

Professor COLWELL.

385. The Electron Theory. I. (3 Hrs.).

386. The Electron Theory. II. (3 Hrs.).
Continuation of Course 385.

387. Radio-Activity. I. (3 Hrs.).

Professor MOLBY.

388. Radio-Activity. II. (3 Hrs.).
Continuation of Course 387.

Professor MOLBY.

389. Conduction of Electricity Through Gases. I. (3 Hrs.).

390. Conduction of Electricity Through Gases. II. (3 Hrs.).
Continuation of Course 389.

391. Electrical Waves. I. (3 Hrs.).

Professor COLWELL.

392. Electrical Waves. II. (3 Hrs.).

Professor COLWELL.

393. Experimental Research. I.
(Credit according to work done but not to exceed 10 hours in all). Required of all candidates for Master of Arts degree with major in physics.

Professor COLWELL.

394. Experimental Research. II.

Professor COLWELL.

Note: Not more than one of the purely graduate courses offered by any one instructor will be given in any one semester.

It is highly desirable that candidates for the master's degree should have a reading knowledge of both French and German.

POLITICAL SCIENCE

Professors SLY and SHORTRIDGE and Assistant Professors MURPHY and FRASURE.

Students who expect to select political science as their major subject should, while in the lower division, receive credit for Political Science 4, 5, and 6, History 4, 5, 52, and 53, and Economics 11 and 12. Political Science 5 and 4 or 6 constitute the basic work in this department and they, or their equivalents, are prerequisite to all courses in the upper division. The major requirement is twenty-four hours of upper division courses. There should be a first minor of twelve hours in upper division courses in history or economics and a second minor of six semester hours in upper division courses in the other subject. With the approval of the departmental adviser, part of the required work in the major may be taken in the College of Law.

Suggested Program for Majors

LOWER DIVISION

Freshman Year

First Semester	Hrs.	Second Semester	Hrs.
English 1	3	English 2	3
Biology	4	Biology	4
French or German	3	French or German	3
History 4	3	History 5	3
Military	1	Military	1
Phy. Ed. (women)	1	Phy. Ed. (women)	1
Phy. Ed. (men)	1	Phy. Ed. (men)	1
	14 or 15		14 or 15

Sophomore Year

First Semester	Hrs.	Second Semester	Hrs.
Political Science 4	3	Political Science 5	3
French or German	3	French or German	3
History 52	3	History 53	3
Economics 11	3	Economics 12	3
Psychology 1	3	Philosophy 4	3
Military	1	Military	1
Phy. Ed. (women)	1	Phy. Ed. (women)	1
	16		16

UPPER DIVISION

Upper division courses in the major and minor will be selected, with the approval of the adviser, according to individual interests and needs.

Lower Division Courses

4. **The Principles and Practices of Government. The European States System.** II. (3 Hrs.).
The history, structure, problems, and tendencies of the leading governments of Europe, particularly Great Britain, France, Germany and Switzerland.
Professor SLY and Assistant Professor FRASURE.

5. **The Principles and Practices of Government. The American Federal System.** I. (3 Hrs.).
Primarily for sophomores.
Professor SLY and Assistant Professor FRASURE.

6. **State and Local Government.** II. (3 Hrs.).
The history, structure, and contemporary problems of state and county government in the United States. Primarily for sophomores.
Assistant Professor MURPHY.

Upper Division Courses

103. **American Party Government.** I. (3 Hrs.).
A one-semester course dealing with the practical workings of party machinery.
Assistant Professor MURPHY.

107. **American City Government.** I. (3 Hrs.).
The history, structure, and contemporary problems in the government of American municipalities.
Assistant Professor MURPHY.

110. The Government of the British Empire. I. (3 Hrs.).
A study of colonial government and administration.

Assistant Professor FRASURE.

115. American Practical Government. I. (3 Hrs.).
A course designed especially for upper division students in other departments or colleges.

Assistant Professor MURPHY.

116. Foreign Political Institutions. II. (3 Hrs.).
An advanced study in comparative government.

Assistant Professor FRASURE.

119. The History of Political Thought: Plato to Machiavelli. I. (3 Hrs.).
The political thought of ancient Greece and Rome, the effects of Christianity, feudalism, the canon law, Teutonic theory and practice, the failure of the conciliar movement, and the political results of the early Reformation. Required of majors.

Professor SLY.

120. The History of Political Thought: Machiavelli to the Present. II. (3 Hrs.).
The political theories of Machiavelli, passive obedience, indirect power and divine right, the English Revolution, the growth of religious toleration, legislative sovereignty, the contributions of the American and French Revolutions, English utilitarianism, German and English idealism, the growth of proletarian political thought, and the newer developments of pluralism, communism, and internationalism. Required of majors.

Professor SLY.

121. American Constitutional Government to 1789. I. (3 Hrs.).
The English background, the transfer of political institutions to America, and the development of American constitutional ideas and practices, including the making of the Constitution.

Professor SHORTRIDGE.

122. American Constitutional Government Since 1789. II. (3 Hrs.).
The development of the Constitution through custom, legislation, and judicial decisions.

Professor SHORTRIDGE.

161. International Relations. I. (3 Hrs.).
A study of recent and contemporary developments.

Assistant Professor FRASURE.

162. **International Government.** II. (3 Hrs.).
A study of international conferences, arbitral procedure and administrative functions of public and private international unions with particular attention to the League of Nations, the World Court and International Labor Office.

Assistant Professor FRASURE.

208. **Problems of the Modern State: The Administrative Process.** I. (3 Hrs.).
The examination and analysis of the leading problems of public administration—structure, personnel, budget, materials and purchasing, and the relation of administrative officers to the courts, the legislature, and the electorate.

Professor SLY.

209. **Problems of the Modern State: The Legislative Process.** II. (3 Hrs.).
A consideration of the problems confronting the modern legislature as to structure, scope, representation, procedure, party influence, and functional pressures.

Professor SLY.

223. **International Law.** I. (3 Hrs.).
A study in the development and leading principles of the law of nations.

Professor CALLAHAN or Assistant Professor FRASURE.

224. **Leading Cases in International Law.** II. (3 Hrs.).
[Omitted 1930-31]. Leading decisions of national courts. The Permanent Court of Arbitration and the Permanent Court of International Justice.

230. **Select Problems in Municipal Administration.** II. (3 Hrs.).
An advanced study of the organization and administrative problems in American cities.

Assistant Professor MURPHY.

242. **American Constitutional Law.** I. (3 Hrs.).
The case method will be used in this course and a study will be made of the leading principles in the law of the American Constitution.

Professor SHORTRIDGE.

243. **Select Topics in Constitutional Law.** II. (3 Hrs.).
Each student will investigate an assigned topic and embody the results of the investigation in a term paper.

Professor SHORTRIDGE.

Graduate Division Courses

301. Methods of Research in Political Science. I. (2 Hrs.).
Professor SLY.

302. Modern Schools of Political Thought. II. (2 Hrs.).
Professor SLY.

351, 352. Seminar. I, II. (2 or 4 Hrs.).
Professor SLY and staff.

PUBLIC SPEAKING

Professor KAY, Assistant Professor WELCH,[1] Acting Assistant Professor McGREW, Miss SIMONSON, Mrs. FEAR.

It is manifest that any intelligent person with sound organs can with training increase his efficiency in speech. Nevertheless, the speech field is not only a science with its principles and knowledge content to be studied, but in its practical aspects is primarily an art requiring a high degree of proficiency in execution. Therefore, students should not select the subject as a major unless they possess considerable natural talent in one or more of its phases.

Sequences

Except for upper division courses with no prerequisite all must have had Course 1 and one of the following: 3 or 6 or 11. These may be taken in sequence or contemporaneously. For advanced courses in Interpretation, Courses 1 and 3 are required: for advanced Dramatics, Courses 1 and 6: for advanced Speech, Courses 1 and 11. In the upper division Course 213 should preceed Course 220; Course 119 should be first taken by any who have not taken Course 11. Course 129 should be taken by any who have not credit for Course 3 before electing advanced courses in Interpretation. Course 132 should be taken by any who have not credit for Course 6 before electing advanced courses in drama. Other courses in the upper division may be taken in any sequence.

Requirements for Major

English, including Journalism	12	
Language	12	
Laboratory Science	8	
Social studies	12	
Psychology and Philosophy	12	
Physical Education (including dancing)	6	
Total		62
Education (for teacher's certificate)		20
Public Speaking	40 or	27
Free Electives	26 or	19
	128 or	128

[1]Resigned, July 1, 1930.

Lower Division Courses

1. **Voice and Diction.** I, II. (3 Hrs.).
Fundamentals of good elocution.
Staff.

3. **Beginning Interpretation.** I, II. (3 Hrs.).
Study of grouping, phrasing, emphasis, motive, punctuation, etc.
Staff.

6. **Impersonation.** I, II. (3 Hrs.).
Beginning course in acting and pantomine.
Staff.

11. **Effective Speaking.** I, II. (3 Hrs.).
Fundamentals of speech composition and delivery.
Staff.

Upper Division Courses

116. **Business Talks.** I. (3 Hrs.).
Explanatory, good will, and promotion talking. [Omitted 1930-1931]. (Given alternately with Course 215).

119. **Principles of Public Speaking.** I. (3 Hrs.).
For those who have not credit for Course 11.
Staff.

213. **Argumentation.** I, II. (3 Hrs.).
Analysis, definition, evidence, reasoning, brief drawing, refutation.
Assistant Professor McGREW.

215. **The Formal Address.** I. (3 Hrs.).
Its history, rhetoric, and delivery. (Given in alternate years with Course 116).
Assistant Professor McGREW.

217. **Extemporaneous Speaking.** I. (3 Hrs.).
Advanced course in rapid thought organization and formulation in the presence of an audience. To develop a ready speaker.
Assistant Professor McGREW.

218. **Public Discussion.** II. (3 Hrs.).
Stresses the harmonizing of view points in the group to secure concerted action.
Assistant Professor McGREW.

220. **Debating.** I, II. (3 Hrs.).
Continuation of Course 213. Members of the inter-collegiate debating teams should register for this course for credit.
Assistant Professor McGREW.

LITERARY INTERPRETATION

125. **Story Telling.** I, II. (3 Hrs.).
The literature and narration of children's stories. Prerequisites: Courses 1 and 3 or 129.

129. **General Interpretation.** II. (3 Hrs.).
For those only who have not credit for Course 3.

Professor KAY.

222. **Reading of Poetry.** II. (3 Hrs.).
Prerequisite Courses 1 and 3 or 129. (Alternates with Course 226).

Professor KAY.

223. **Reading of Plays.** I. (3 Hrs.).
Prerequisite as above. (Alternates with Course 224). [Omitted 1930-1931].

Professor KAY.

224. **Reading of Prose Stories.** I. (3 Hrs.).
Prerequisite as above. (Alternates with Course 223).

Professor KAY.

226. **Reading of the Bible.** II. (3 Hrs.).
Prerequisite as above. (Alternates with Course 222). [Omitted 1930-1931].

Professor KAY.

227. **Professional Reading.** I. (3 Hrs.).
For senior majors only.

Professor KAY.

228. **Professional Reading.** II. (3 Hrs.).
Continuation of Course 227.

Professor KAY.

ACTING AND DRAMA

131. **One-Act Play.** I. (3 Hrs.).
(Alternates with Course 139). [Omitted 1930-1931].

132. **General Dramatics.** I. (3 Hrs.).
For those without credit for Course 6.

133. **The Art of Play Production.** I, II. (3 Hrs.).
For majors and seniors.

134. Actional Study of Modern Drama. II. (3 Hrs.).
(Alternates with Course 135).

135. Actional Study of Classic Drama. II. (3 Hrs.).
(Alternates with Course 134). [Omitted 1930-1931].

137. Junior Dramatics. I. (3 Hrs.).
(Alternates with Course 138). [Omitted 1930-1931].

138. The Religious Drama. I. (3 Hrs.).
(Alternates with Course 137).

139. Appreciation of Drama. I. (3 Hrs.).
A history of the theatre and theatric arts. (Alternates with Course 131).

236. Teaching Speech in Secondary Schools. I. (3 Hours.).
For majors, and minors in speech only.

Professor KAY.

ROMANCE LANGUAGES AND LITERATURES

Professors STATHERS, DARBY, and SPIKER, Assistant Professor MITRANI, Mr. BROWN, Mr. ASHBURN, Mr. MAYNARD, Mr. JOHNSON, Mr. MANNING, Mr. JAMES.

Departmental Sequences and Requirements

Courses 1 and 2 or two years high school credit will be required for entrance to courses 5, 6, 7, and 8. Usually students who have had two years study of the language in high school should take courses 5 and 6. Students who have done three years work in high school should take courses 7 and 8.

Prospective major students and students who expect to do more advanced work in language should not take more than six hours in courses 5, 6, 7, and 8. Prospective major students who have a grade of B or better in six hours taken from courses 5, 6, 7, and 8 should take courses 9 and 10 in the sophomore year.

Students whose grades have consistently fallen below B in language work in the lower division should not select Romance languages as a major subject.

No student who has not completed French 9, 10, 115, 116, and 231 or Spanish 9, 10, 116, 221, and 222 will be recommended as a teacher of these subjects.

Program for Major Students

In order to be recommended by this Department for the degree of Bachelor of Arts a student must have completed, in addition to special requirements for the A. B. degree, one of the following combinations:

French

	Hrs.
French 9 (109)	3
French 10 (110)	3
French 115	3
French 116	3
French 221	3
French 222	3
French 231	2
Spanish	6 to 12
History 4 and 5, or History 111 and 112	6

Spanish

	Hrs.
Spanish 9 (109)	3
Spanish 10 (110)	3
Spanish 115	3
Spanish 116	3
Spanish 221	3
Spanish 222	3
French	9 to 12
History 4 and 5 or History 111 and 112	6

Suggested Distribution of Courses

Freshman Year

	Hrs.
One Romance Language	6
English 1 and 2	6
Mathematics or a Laboratory Science	8
Physical Education	2
Military Science (when required)	2
Electives	8 to 10

Sophomore Year

	Hrs.
Two Romance Languages (6 hrs. each)	12
History 4 and 5	6
Military Science (when required)	2
Electives and Lower Division preparation for Minor Subject	12 to 14

Junior Year

	Hrs.
French or Spanish 109 and 110 (if not completed in sophomore year)	6
French or Spanish 115 and 116	6
Minor Subject and electives	20

Senior Year

	Hrs.
French or Spanish 221 and 222	6
French 231 or elective in Spanish	2
Minor Subject and electives	24

French

Lower Division Courses

1. **Elementary French.** I, II. (3 Hrs.).
Professor SPIKER and staff.

2. **Intermediate French.** I, II. (3 Hrs.).
A continuation of Course 1.
Professor SPIKER and staff.

5. **Fiction of the Nineteenth Century.** I. (3 Hrs.).
Professor DARBY and staff.

6. **Drama of the Nineteenth Century.** II. (3 Hrs.).
Professor DARBY and staff.

7 or 107. **Advanced Readings.** I. (3 Hrs.).
Assistant Professor MITRANI and staff.

8 or 108. **Advanced Readings.** II. (3 Hrs.).
Assistant Professor MITRANI and staff.

9 or 109. **Grammar and Pronunciation.** I. (3 Hrs.).
For sophomores and juniors. Prerequisite: Twelve hours of French or equivalent.
Assistant Professor MITRANI and staff.

10 or 110. **Advanced Conversation.** II. (3 Hrs.).
For sophomores and juniors. Prerequisite: Twelve hours of French or equivalent.
Assistant Professor MITRANI and staff.

Upper Division Courses

115. **The Classical School.** I. (3 Hrs.).
Prerequisite: Twelve hours of French or equivalent.
Professor DARBY, Professor SPIKER, and Mr. MANNING.

116. **The Classical School After Moliere.** II. (3 Hrs.).
Prerequisite: French 115.
Professor DARBY, Professor SPIKER, and Mr. MANNING.

221. **The Romantic Movement.** I. (3 Hrs.).
Prerequisites: French 115 and French 116.
Professor STATHERS.

222. **French Literature Since 1850.** II. (3 Hrs.).
Prerequisite: French 221.
Professor STATHERS.

223. **The Problem Play.** I. (2 Hrs.).
Prerequisites: French 115 and French 116.
Professor DARBY.

224. Historical Novel in the Nineteenth Century. II. (2 Hrs.).
Prerequisites: French 115 and French 116.

Professor DARBY.

225. Movements in Contemporary Fiction. I. (2 Hrs.).
Prerequisite: French 221 and 222.

226. Literary Criticism in the Nineteenth Century. II. (2 Hrs.).
Prerequisite: French 221 and 222.

Professor SPIKER.

229. Literature of the Sixteenth Century. I. (2 Hrs.).
Prerequisite: French 115 and 116.

Professor SPIKER.

230. The Sixteenth Century After 1550. II. (2 Hrs.).
Prerequisites: French 115 and 116.

Professor SPIKER.

231. Phonetics and Pronunciation. I. (2 Hrs.).
Prerequisite: Eighteen hours of French or equivalent.

Professor STATHERS.

232. Problems in Teaching French. II. (2 Hrs.).
Prerequisite: Eighteen hours of French or equivalent.

Professor STATHERS.

237. Moliere. I. (2 Hrs.).
Prerequisite: French 115 and 116.

Professor SPIKER.

Graduate Division Courses

391. Seminar. I. (2 to 5 Hrs.).
Comedy of the classical school.

Professor SPIKER.

392. Seminar. II. (2 to 5 Hrs.).
Tragedy of the classical school.

Professor SPIKER.

395. Seminar. I. (2 to 5 Hrs.).

Professor STATHERS.

396. Seminar. II. (2 to 5 Hrs.).

Professor STATHERS.

Spanish

Lower Division Courses

1. Elementary Spanish. I, II. (3 Hrs.).

Mr. ASHBURN and staff.

2. **Intermediate Spanish.** I, II. (3 Hrs.).
A Continuation of Course 1.
Mr. ASHBURN and staff.

5. **Contemporary Fiction.** I. (3 Hrs.).
Mr. MAYNARD and staff.

6. **Drama of the Nineteenth Century.** II. (3 Hrs.).
Mr. MAYNARD and staff.

7 or 107. **Advanced Readings.** I. (3 Hrs.).
Mr. BROWN and staff.

8 or 108. **Advanced Readings.** II. (3 Hrs.).
Mr. BROWN and staff.

9 or 109. **Grammar and Conversation.** I. (3 Hrs.).
For sophomores and juniors.
Mr. ASHBURN and staff.

10 or 110. **Advanced Conversation.** II. (3 Hrs.).
For sophomores and juniors.
Mr. ASHBURN and staff.

Upper Division Courses

115. **Lyric Poetry.** I. (3 Hrs.).
Prerequisite: Twelve hours of Spanish or equivalent.
Mr. BROWN.

116. **Civilization and Culture.** II. (3 Hrs.).
Prerequisite: Twelve hours of Spanish or equivalent.
Mr. BROWN.

221. **Literature of the Golden Age.** I. (3 Hrs.).
Prerequisite: Eighteen hours of Spanish or equivalent.
Assistant Professor MITRANI.

222. **The Golden Age After Lope de Vega.** II. (3 Hrs.).
Prerequisite: Spanish 221.
Assistant Professor MITRANI.

223. **Spanish American Literature.** I. (2 Hrs.).
Prerequisite: Eighteen hours of Spanish or equivalent.
Assistant Professor MITRANI.

224. **Spanish American Literature.** II. (2 Hrs.).
A continuation of Course 223. Prerequisite: Eighteen hours of Spanish or equivalent.
Assistant Professor MITRANI.

Graduate Division Courses

395. **Literature of the Sixteenth Century.** I. (3 Hrs.).
Professor STATHERS.

396. Old Spanish. II. (3 Hrs.).

Professor STATHERS.

Italian

Lower Division Courses

1. Elementary Italian. I. (3 Hrs.).

Professor DARBY.

2. Modern Italian. II. (3 Hrs.).
A continuation of Course 1.

Professor DARBY.

5 or 105. Modern Fiction. I. (3 Hrs.).

Professor DARBY.

6 or 106. Modern Drama. II. (3 Hrs.).

Professor DARBY.

ZOOLOGY

Professors REESE and CHIDESTER, Associate Professor TAYLOR, Mr. EATON and Mr. GRIBBLE.

Zoology 1, 2, 118 and 210 are of special interest to teachers. Courses 1 and 2 are required of students preparing to enter the study of medicine. Course 4 is required of students in agriculture and physical education.

Biology 1 and 2 are intended primarily for students who do not expect to take further work in zoology or botany.

A Suggested Program for Students Majoring in Zoology

Lower Division	Hrs.	Upper Division	Hrs.
(a) Military Science	4	Physics 1, 2, 3 and 4	8
Physical Education	2	Botany, to make a total of at least 8 hrs.	8
(b) Foreign language, German	12	Chemistry 15 (for those preparing for medicine)	3
(c) English Composition	6	Chemistry 63 (for those preparing for medicine)	3
(d) Natural Science		Chemistry 36	6
Zoology 1 and 2	8	Geology (for those wanting teacher's certificate)	6
(e) Three-subject requirement		Education (for those wanting teacher's certificate)	20
(1) French	6	Zoology 118	3
(2) Psychology	6	Zoology 207 (not open to 3-year medicals)	3
(3) Another subject in group	6	Zoology 210	3
(f) How to Study (if required)	3	Zoology 231	1-4
(g) Electives:			
Chemistry 3 and 4	8		
Botany 1	4		
Botany or other electives	6		

(h) English literature (required of medical students) 6

Zoology 234 (not open to 3-year medicals) 2-3
Zoology 240..... 1
Zoology 235 (elective)..... 6
Zoology 252 (elective)..... 3
Zoology 253 (elective)..... 3
Genetics 221 (elective)..... 3

Medical students taking 3 yrs., in the College of Arts and Sciences with the senior year in the Medical School must complete all of the A. B. requirements during the first 3 yrs., except that only 20-22 hrs. in zoology are required in the Arts College, the major group being completed by the courses in embryology, histology, and neurology, taken in the first year of medicine. Medical students are required to take English 3, three hours, and English 4, three hours. Some medical schools require extra work in laboratory physics.

Suggested program for juniors who have had the regular 2-year pre-medical course and intend to take the A. B. degree with their senior year in the medical school:

First Semester	Hrs.	Second Semester	Hrs.
English 3	3	English 4	3
Botany 1	4	Botany 2	4
Zoology 231	3	Zoology 10	3
German or French	3	German or French	3
Elective	3-4	Elective	3-4
	16-17		16-17

Students who have had the regular 2-year pre-medical course and decide to complete all of the A. B. requirements in the College of Arts and Sciences before beginning their medical studies will follow, as far as necessary, the suggested program above for zoology majors.

Prospective teachers should confer with the College of Education in regard to the required 20 hours in that college; also in regard to a second teaching subject and the other requirements for certification.

Lower Division Courses

1. **Invertebrate Zoology.** I, II. (4 Hrs.).
   Primarily for freshmen and sophomores. A study chiefly of invertebrate animals, with an introduction to the vertebrates.
   Professor REESE, Professor CHIDESTER, Associate Professor TAYLOR, Mr. EATON, and Mr. GRIBBLE.

2. **Vertebrate Zoology.** II. (4 Hrs.).
   Primarily for freshmen and sophomores. Prerequisite: Zoology 1 or equivalent.
   Professor REESE, Professor CHIDESTER, Associate Professor TAYLOR, Mr. EATON, and Mr. GRIBBLE.

4. **Elementary Zoology.** I, II. (5 Hrs.).
For students in the College of Agriculture and in physical education.

Professor CHIDESTER.

16. **Economic Zoology.** II. (2 Hrs.).
Prerequisite: Zoology 1 and 2.

Professor REESE.

51. **Physiology and Hygiene.** I. (4 Hrs.).
Primarily for freshmen and sophomores. Not open to pre-medical students. An elementary course in physiology and hygiene.

Mr. EATON.

Upper Division Courses

118. **Methods of Zoology.** I. (3 Hrs.).
A practical course in the methods of collecting, preserving, injecting, making microscopic preparations, etc. Prerequisite: Courses 1 and 2, or an equivalent.

Associate Professor TAYLOR.

125. **Limnology.** I. (2 Hrs.).
Primarily for sophomores in the course of public health. A combination course offered by the departments of botany and zoology.

Professor CHIDESTER and others.

126s. **Advanced Limnology.** (1 Hr.).
A continuation of Zoology 125. The course consists mainly of field work. Summer Session; hours to be arranged.

Professor CHIDESTER and others.

207. **Vertebrate Embryology.** I. (3 Hrs.).
Primarily for juniors and seniors. Additional work required if taken for graduate credit. Prerequisite: Zoology 1 and 2.

Professor REESE.

210. **Principles of Biology.** II. (3 Hrs.).
Primarily for juniors and seniors. Additional work required if taken for graduate credit. Prerequisite: Zoology 1.

Professor CHIDESTER.

231, 232, 233. **Comparative Anatomy.** I. (1 to 4 Hrs.).
Advanced courses; to be taken ordinarily after most of the preceding courses have been completed.

Professor CHIDESTER.

234. **Comparative Histology.** II. (2 to 3 Hrs.).
Prerequisites: Courses 1, 2 and 231. Not open to pre-medical students.

Associate Professor TAYLOR.

235. **Comparative Embryology.** (6 Hrs.).
Prerequisites: Courses 1, 2, and 207. To be taken at the Marine Biological Laboratory, Woods Hole, Mass.; six weeks; summer.

240. **Current Literature.** I, II. (1 Hr.).
Open to seniors and graduate students only.

Associate Professor TAYLOR.

252. **Physiology of Development.** II. (3 Hrs.).
For seniors and graduate students. Prerequisites: Courses 2, 231, or 51. Lectures and conferences on nutrition and the endocrines.

Professor CHIDESTER.

253. **Physiology of Development.** (6 to 12 Hrs.).
For seniors and graduate students. Continuation of Course 252. Experimental studies on nutrition and the endocrines. To be taken at the Marine Biological Laboratory, Woods Hole, Mass. Six to twelve weeks, summer.

Professor CHIDESTER.

Graduate Division Courses

381, 382, 383, 384, 385. **Comparative Anatomy, Histology and Embryology.** I, II. (1 to 5 Hrs. per semester).

Professor REESE, Professor CHIDESTER, and Associate Professor TAYLOR.

390, 391, 392, 393, 394, 395. **Research Work.** I, II. (1 to 5 Hrs. per semester).

Professor REESE, Professor CHIDESTER, and Associate Professor TAYLOR.

Note: For courses in entomology and genetics see announcement of courses offered in the College of Agriculture.

COURSE IN PUBLIC HEALTH

The object of the four-year course in public health is to prepare men to take charge of municipal health laboratories, to become executive secretaries of health units, and to act as sanitarians and health officers.

The curriculum includes fundamental courses in chemistry and biology, together with such engineering and medical subjects as peculiarly apply to sanitary science. Not the least important feature is the inclusion of practical field work under the direction of the State Department of Health. The degree of Bachelor of Science in Public Health will be conferred upon students who satisfactorily complete the curriculum on the following page. Candidates for this degree will register in the College of Arts and Sciences with a member of the Department of Zoology as adviser.

Graduates in this course are qualified to enter a school of medicine or to take up specialized graduate study.

ENTRANCE REQUIREMENTS

For admission to the course in Public Health, the candidate must have credit, obtained by examination or on certificate, for fifteen units of secondary school work, including one and one-half units of algebra, one unit of plane geometry, one-half unit of solid geometry, and two units of either French or German. For a complete statement of entrance requirements, see pages 39 to 41.

UNDERGRADUATE CURRICULUM IN PUBLIC HEALTH

Leading to the Degree of Bachelor of Science in Public Health

First Year, First Semester

	Hrs.
Comp. and Rhet. (Eng. 1)	3
French or German	3
Inorganic Chem. (Chem. 3)	4
Advanced Algebra (Math. 3)	3
Hygiene and Sanitation	1
Military Science	1
	15

First Year, Second Semester

	Hrs.
Comp. and Rhet. (Eng. 2)	3
French or German	3
Inorganic Chem. (Chem. 4)	4
Trigonometry (Math. 4)	2
Mech. Drawing (M. E. 20)	2
Military Science	1
	15

Summer—Field Practice 1 (State Department of Health) Credit..... 2

Second Year, First Semester

	Hrs.
English or Pub. Sp.	3
Qualitative Analysis (Chem. 105)	4
Mathematics 11	3
Invert. Zoology (Zool. 1)	4
Limnology (Zool. 125)	2
Military Science	1
	17

Second Year, Second Semester

	Hrs.
English or Pub. Sp.	3
Quantitative Analysis (Chem. 106)	4
Entomology (Ent. 8)	4
Vertebrate Zoology (Zool. 2)	4
Economic Zoology (Zool. 16)	2
Military Science	1
	18

Summer—Field Practice 2 (State Department of Health) Credit..... 1
Advanced Limnology (Zoology 126s) one hundred hours in field and laboratory 1

Third Year, First Semester

	Hrs.
Physiology (Zool. 51)	4
Physics 1 and 3	4
Organic Chemistry (Chem. 233)	5
Epidemiology	2
Entomology 180	2
	17

Third Year, Second Semester

	Hrs.
General Geology (Geol. 102)	4
Physics 2 and 4	4
Physical Chemistry (Chem. 63)	3
Parasitology (Med. Bact. 105)	5
Veterinary Science 106	3
	19

Summer—Field Practice 3 (State Department of Health together with Public Health Law and Administration) Credit..... 2

Fourth Year, First Semester

	Hrs.
Water Supply (C. E. 116)	3
Hygiene (Bact. 106)	2
Municipal Eng'g. (C. E. 117)	2
Psychology 1	3
Political Science 107	3
Dairy Manuf. 103	2
Elective	2
	17

Fourth Year, Second Semester

	Hrs.
Water Ex. and Purif. (Ch. E. 202)	2
St. and Mun. Lab. Meth. (Bact. 208)	2
Biochemistry 101	6
Prin. of Biol. (Zool. 210)	3
Prin. of Soc. (Soc. 101)	3
Prin. of Ch. Welf. (Soc. 108)	2
	18

The College of Engineering and Mechanical Arts

ORGANIZATION

For purposes of administration and instruction the College of Engineering is organized into the following divisons :

The Department of Chemical Engineering.
The Department of Electrical Engineering.
The Department of Machine Design and Construction.
The Department of Mechanics.
The Department of Railway and Highway Engineering.
The Department of Steam and Experimental Engineering.
The Department of Structural and Hydraulic Engineering.
The Department of Industrial Education.
The School of Mines.
The Engineering Experiment Station.

BUILDING AND EQUIPMENT

All instruction in engineering subjects is centralized in Mechanical Hall. In this building are the offices, recitation and lecture rooms, general departmental drawing rooms, the shops, laboratories and museums of the College of Engineering; offices, laboratories, and drawing rooms for the Division Engineer and the Testing Engineer of the State Road Commission and No. 1 Rescue Station of the West Virginia Department of Mines.

In the drawing rooms are collections of models of structures, mechanisms, charts, state and government maps, surveys, photographs, engineering specifications, drawings, tracings and blue prints. In connection with the drawing rooms there are blue printing and photographic rooms equipped with electric and sun printing apparatus, photostat and photographic outfit.

The shops consist of a woodworking shop, forge shop, foundry, machine shop, sheet metal shop and pipe fitting shop. Each workshop is equipped with suitable benches, measuring instruments, tools, shop appliances and machines, such as are ordinarily installed in the larger engineering colleges and commercial shops.

A variety of semi-automatic and full automatic machines provides unusual opportunity for the student of modern production methods.

The power plant equipment consists of different types of steam and gas engines, direct connected or belted to electric generators; a 100 K. W. Westinghouse condensing stream turbine direct connected to a direct current generator; a 125 horse power Skinner Universal unaflow steam engine direct connected to a 240 volt, three phase alternator; a 50 h. p.

motor generator set; a 150 B. H. P. steam boiler, equipped with a Green chain grate stoker and induced draft; an independently fired superheater equipped with temperature controller; pumps, condensers, air compressors, steam traps and other auxiliary apparatus, providing the means for furnishing any desired kinds of power.

The engineering laboratories are supplied with standard gauges, measuring, calculating and recording instruments; apparatus and appliances for qualitative and quantitative experimental work in civil, mechanical, steam, hydraulic, electrical, chemical and mining engineering.

The testing laboratory is equipped with apparatus and machines for testing cement, iron, steel, brick, stone, and other materials of engineering. The principal machines and apparatus are an Olsen testing machine of 400,000 pounds capacity, taking tension and compression specimens up to six feet, and beams up to sixteen feet in length; a 50,000 pound Riehle testing machine; a 20,000 pound Riehle automatic and autographic testing machine; a 10,000 pound Olsen transverse testing machine; a 60,000 inch-pound Riehle-Miller torsion machine; one Olsen and two Fairbanks cement testers; Brinnell and Shore hardness testers; a standard abrasion cylinder; besides smaller apparatus for testing cement, lubricating oils, and extension and deflection of materials.

The mechanical and steam laboratories contain small steam and gas engines, a compound air compressor with electrical and mechanical control, motor driven fans, dynamometers, friction brakes, condensers, injectors and ejectors, steam and gas engine indicators, revolution counters, planimeters, anemometers and apparatus for testing pressure gauges, indicator springs, thermometers, Venturi meters and nozzles for measuring the flow of air and steam, etc. These are supplemented by the power plant equipment previously described, which affords facilities for steam and gas engine trials and boiler tests with larger units, and also provides facilities for various lines of experimental investigation.

In addition to the larger generating and control units in the power plant, the electrical laboratory is provided with compound, shunt and series wound direct current generators and motors, single and polyphase alternating current generators and motors of various frequencies and capacities; rotary-converters and motor generator sets; rectifiers, storage batteries, speed regulating and control apparatus; reactances, auto, constant voltage and constant current transformers. Tesla transformers and other experimental apparatus for demonstrating many of the principles of electricity; instruments and accessories such as tachometers, slip meters, frequency meters, etc.; a G. E. oscillograph; telephone equipment including two magneto P. B. exchanges, a circuit model of the common battery exchange; a machine switching demonstration unit; and a Strowger automatic demonstration exchange; illuminometers; laboratory

precision standards for calibration of D. C. and A. C. instruments; rotating standards, Silsbee current testing set, etc.; electric railway equipment consisting of a truck, motor, air brake equipment, three types of control equipment and a switchboard panel with indicating and recording instruments. Recent additions are a 25 h. p. Fynn-Wychsel motor and a Goldberg train lighting generator.

The hydraulic laboratory equipment consists of a compound duplex steam pump supplying water to a closed steel pressure tank, from which run headers arranged for insertion of orifices, nozzles and pipes supplying the various hydraulic motors; concrete storage tanks, measuring tanks and weighing scales; cascade water wheel; Venturi meter, water meter, steel weir-box, weir-gages, Cole pitometer, Simplex flow meter, Ferguson graphic recording rain gage, automatic water stage recorder installed on the Monongahela River, Price current meter, and other minor measuring and controlling apparatus. Through the courtesy of the local water company the 12-inch pipe line, seven miles long, from Tibbs Run to Morgantown is available for pitometer work.

The sanitary engineering laboratories are well equipped for research and student work on problems in sewage treatment, water purification and sanitation.

The road material testing laboratory equipment consists of standard abrasion cylinder for testing paving brick; a standard three-gang motor driven Deval abrasion cylinder; motor driven ball mill, briquette machine; core drill; motor driven grinding lap and stone saw; motor driven "Dorry" hardness testing machine; Standard Page impact tester, with anvil for cementation tests; road-making tools, Braun planetary pulverizer; Dulin roterex; motor driven sieve shaker, etc.

The mining laboratory is equipped with drills, coal cutting machinery, and air receiver; leading types of mining rescue apparatus, pulmotor, smoke chamber for use in training with rescue apparatus, devices for demonstrating the explosibleness of coal dust, the William Clifford and James T. Beard collections of safety lamps, an Oldham machine for showing the length of cap with varying percentages of methane in mine air, models showing methods of working anthracite and bituminous seams of coal, a Jeffrey reversible mine fan, coupled to a variable speed General Electric type B. T. A. 526 A. C. motor for experimental use in the study of mine ventilation, recording barometer and hydrometer. Additional equipment has been installed to permit washing and concentrating tests of coal and pyrite. A 7½x10½ Blake crusher discharges into the boot of a Jeffrey bucket elevator. The material may be sent from the elevator to either a 30-inch trommel or a 24-inch shaking screen; these screens have 1, ¾, ½ and ¼-inch round holes, and the screened products are discharged into bins. A pair of 8x5-inch Sturtevant rolls can be used for fine crushing. A two-compartment Hartz jig and a Richards pulsator jig comprise the present jigging equipment, while a Butchart table is provided for the

treatment of material too fine for the jigs. A small Jeffrey-Robinson coal washer can be used for demonstration and testing work, and its performance, or the performance of the jigs and tables can be checked up by sink-and-float test machines. A bench has been equipped with crushers and grinders so that the samples from the laboratory may be prepared at once for chemical analysis.

The metallurgical laboratory is especially equipped for the study of fuels, such as coal, coke, gas and oil. In part it comprises analytical balances, Cary combination gas furnace, electric drying oven, water still, Emerson and Parr fuel calorimeters, apparatus for the analysis of gases, apparatus for the proximate analysis of coal and for determining the coking properties.

The oil and gas laboratory is provided with equipment for determining the physical and chemical properties of oils and gases, as follows: Junker calorimeter, Parr calorimeter, Saybolt standard Universal viscosimeter, Pensky-Martin flash point apparatus, calorimeter, apparatus for heat test, fire test, cold test and emulsion test; Baume hydrometers; apparatus for the determination of carbon residue in oils and for the estimation of gasoline content in natural gas.

Transits, levels, compasses, etc., are provided for the use of students in land and mine surveying and in highway and railway construction.

The laboratories for chemical engineering and industrial chemistry are well equipped for small scale production of certain commercial chemicals and analysis and testing of industrial and engineering materials. Special apparatus and machinery for oil refining, by-products test, water purification, ceramic and metallurgical work include: Lummus column (16 chambers) still; furnace and absorption chain for determining the by-product value of coal (U. S. Steel Corp. method); Permutit water softener; Keramic Kiln, electric and gas furnaces; metallurgical microscopes and a complete Bausch and Lomb micrometallographic outfit; Sperry Filter Press with monteju and steam pump; wood and lead tanks, centrifugal, vacuum oven, Hyvac and Lambert Rotary pumps; autoclave and sulphonator; a 10 gallon Dopp Vacuum pan, Brown oil still, Sharples super-centrifuge, Parson's gas generator and a crock filter. A large number of manufacturers' displays add to the facilities for instruction.

GENERAL INFORMATION

TECHNICAL BOOKS AND PERIODICALS

The latest trade literature, catalogues, and reports of commercial developments in engineering are kept in classified files for students' reference. The general University Library collection is supplemented by the extensive technical library donated by Mrs. F. L. Emory as a nucleus for a memorial to her husband, Professor Frederick Lincoln Emory, deceased.

PRACTICAL OBSERVATION INSPECTION TRIPS

The University is located in a region which affords the student unusual oportunities for practical observation and education in engineering. Organized inspection trips under faculty supervision are taken each year. Credit for one inspection trip is required for graduation.

NATIONAL SOCIETIES

Student chapters of the following national societies are maintained: American Society of Civil Engineers, American Institute of Electrical Engineers, American Institute of Mining and Metallurgical Engineers and American Society of Mechanical Engineers. Meetings of these student branches are held weekly.

TUITION, FEES, AND INSTRUMENTS

For information regarding tuition and other fees see page 38.

All students must furnish their own drawing instruments. Students who prefer may purchase all instruments needed at the University at a cost much below the retail prices. The present cost of instruments of the grade desired is approximately $25.00. Instruments suitable for temporary use only can be furnished at a cost of about $15.00.

ADMISSION

For admission to the College of Engineering, the candidate must have credit for fifteen units of secondary school work. For a complete statement of entrance requirements, see pages 39 to 41.

Special students are admitted in accordance with the regulations on page 41. If such students subsequently become candidates for a degree, they must pass the required entrance examination for that year. Special provisions are made for those taking strictly vocational courses.

CREDIT FOR WORK DONE IN ABSENCE

Students of the College of Engineering under exceptional circumstances are permitted to apply for advanced standing for not more than a total of six hours' credit for practical work in the following subjects done in the field, shops or drafting room, during vacation or other periods of absence from the University: M. E. 1, 3, 4, 5, 7, 9, 10, 13, 14, 20, 22, 24, 105, C. E. 1, 3, 5, 10, 107 and E. E. 1.

To obtain credit, application must be made before the work is begun, and a daily record kept of the work done. A certified statement of work done, signed by the employer, accompanied by a full report prepared by the applicant, must be filed with the Dean of the College on or before October 1. Rules of procedure and application blanks may be obtained from the Dean.

In order to obtain credit for G. 105, 106 and 107, the same rules of procedure apply.

UNDERGRADUATE CURRICULA

1. A four-year curriculum leading to the degree of Bachelor of Science in Civil Engineering, with option in Sanitary Engineering.
2. A four-year curriculum leading to the degree of Bachelor of Science in Mechanical Engineering.
3. A four-year curriculum leading to the degree of Bachelor of Science in Electrical Engineering.
4. A four-year curriculum leading to the degree of Bachelor of Science in Engineering of Mines, with options in coal mining and oil and gas engineering.
5. A four-year curriculum leading to the degree of Bachelor of Science in Chemical Engineering, with options in metallurgy and ceramics.
6. A four-year curriculum in Industrial Education leading to the degree of Bachelor of Science.
7. Combined science and engineering curricula extending over five or more years leading to the degree of Bachelor of Science, and Bachelor of Science in Engineering.

REQUIREMENTS FOR DEGREES

To receive any of the baccalaureate degrees conferred in the College of Engineering the student must have satisfied all the entrance requirements and, except in the case of Curricula Nos. 6 and 7, must have received credit for one hundred and forty-eight semester hours including a summer term equivalent to five semester hours, three of which shall be in residence and two hours in outside practice, and in addition must satisfy the general University requirements in physical education. The particular curriculum and distribution of work as prescribed for each degree is stated below.

No student is allowed, without special permission, to register for fewer than fourteen or more than twenty hours of work in any one semester.

SPECIAL CURRICULA FOR STUDENTS WITH IRREGULAR PREPARATION

The courses of study outlined on the following pages are intended for students who matriculate with full entrance requirements. Alternative curricula have been arranged for students who offer only one unit in algebra for entrance or who are otherwise not prepared to take college algebra and trigonometry (Mathematics 3 and 4). Such students will take review algebra and Mathematics 3, 4, and 6 in the freshman year and Mathematics 5 in the first six weeks of the summer school between the first and second years. A student finding it im-

possible to remain for the summer term will take Mathematics 5 and 107 in the sophomore year and will have another opportunity of becoming regular by taking Mathematics 108 and M. 101 in the summer school between the second and third year. Similar provisions are made for deficiencies in English and solid geometry.

SUBSTITUTIONS

The following substitutions are regularly allowed in addition to special substitutions listed elsewhere: M. E. 1 and M. E. 7, or M. E. 1 and M. E. 11 for M. E. 9; M. E. 24 for C. E. 10; Chemistry 5, 6 or 15 (2 to 5 hours) for Chemistry 10. Chemistry 10 for 2 hours of Chemistry 5 or 6; Economics 11 and 12 or 1s and 2s for Economics 103, Economics 111 or 111s for Economics 110.

THESIS

Any candidate for a baccalaureate degree in engineering may with the consent of his major professor prepare a thesis on some subject relating to a special branch of engineering or other department of applied science. It must be fully elaborated and accompanied by the necessary working drawings or models required for the proper elucidation of the subject of the thesis. With its accompanying drawings it will be presented for approval, first to the instructor under whose guidance it has been prepared, then to the head of the department in which the degree is to be conferred. A typewritten copy of the thesis, prepared according to official specifications for thesis and signed by the instructor in charge and the head of the department, must be placed in the University library before graduation. A small fee is charged for binding.

CLASSIFICATION OF STUDENTS

To be classified as a freshman in the College of Engineering a student must have credit for at least 15 units of entrance requirements; to be classified as a regular freshman he must have fulfilled all entrance requirements. To be classified as a sophomore he must have credit for twenty-eight hours of college work; as a junior, sixty-eight hours; as a senior, one hundred and eight hours; except that a student who is a candidate for the degree of Bachelor of Science or of Bachelor of Science in Industrial Education to be classified as a sophomore must have credit for twenty-five hours of college work; as a junior, fifty-eight hours; as a senior ninety-two hours.

CHEMICAL ENGINEERING

The object of the four-year course in chemical engineering is to qualify young men to design, build, and manage manufacturing plants in which the products of manufacture are based on chemical processes and to fit men for professional employment as industrial chemists and chemical engineers.

The curriculum outlined on the following page includes fundamental courses in inorganic, analytical, organic and physical chemistry; in shop practice, mechanical drawing and chemical plant design; in physics, theoretical and applied mechanics, mechanical and electrical engineering; in mineralogy, metallurgy; and in industrial chemistry and chemical engineering. This curriculum is designed to give the student a thorough knowledge of the basic principles of those subjects which experience has shown are essential to one entering the chemical engineering profession.

Students taking Chemistry 10, 2 Hrs., in Summer School may take Chemistry 6, 5 Hrs., or Chemistry 6, 3 Hrs., and Ch. E. 1, 2 Hrs., in the second semester of their sophomore year; all other chemical engineering students will take Chemistry 6, 5 Hrs. By taking Chemistry 10, 2 Hrs., in Summer School a student may complete the one hundred forty-eight hour requirement with an option of six instead of eight hours in his senior year. These options are in four groups: Chemical, ceramic, metallurgical and commercial engineering. Thesis subjects will usually be selected from problems related to the development of the natural resources of West Virginia as foundations for chemical industries.

Students preparing to take the course in chemical engineering should present German for entrance. A student may secure a broader training in language, economics, history, science, applied chemistry and engineering by taking the combination Bachelor of Science and Engineering course. By a careful selection of electives both degrees may be secured in five years.

Metallurgy Option. Students electing the Metallurgy Option in Chemical Engineering should take the following courses as their senior electives: Ch. E. 211 (3 Hrs.); Ch. E. 232 (2 Hrs.); Ch. E. 222 (2 Hrs.); and Ch. E. 223 (2 Hrs.). Ch. E. 124 (2 to 5 Hrs.) may be offered in place of one of the above courses by students who have shown marked ability along metallurgical lines.

Ceramic Option. Students electing the Ceramic Option in Chemical Engineering should choose the following electives: Ch. E. 230 (2 Hrs.); Ch. E. 231 (1 Hr.) and Ch. E. 232 (2 Hrs.); Ch. E. 211 (3 Hrs.); Chemistry 262 (2 Hrs.) or in place of the latter two Ch. E. 124 (2-5 Hrs.). Students electing the Ceramic Option will be required to do their G. 105 in some approved ceramic industry.

Note: See page 148, special curricula for students with irregular preparation.

UNDERGRADUATE CURRICULUM IN CHEMICAL ENGINEERING

Leading to the Degree of Bachelor of Science in Chemical Engineering

First Year—First Semester

Eng. 1—Comp. and Rhet.	3
Math. 3—Algebra	3
Math. 4—Trig.	2
Chem. 3—Inorganic Chem.	4
Mil. 1—Military Science	1
M. E. 1—Pattern Making	1
M. E. 7—Forging	1
M. E. 20—Drawing	2
G. 1—Eng'g. Lectures	
	17

First Year—Second Semester

Eng. 2—Comp. and Rhet.	3
Math. 5—Analytic Geom.	3
Math. 6—Trig. and Algebra	2
Chem. 4—Inorganic Chem.	4
Mil. 2—Military Science	1
C. E. 1—Surveying	1
M. E. 5—Foundry	2
M. E. 22—Drawing	2
	18

M. E. 11—Machine Work (Summer Work) 2, and M. E. 10—Pipe Fitting 1
Chem. 10—Quant. Analysis (Optional) 2

Second Year—First Semester

Physics 105—Gen. Physics	4
Physics 107—Gen. Physics Lab.	1
Math. 107—Calculus	3
Chem. 5—Qual. Analysis	4
Mil. 3—Military Science	1
M. E. 24—Empirical Design	2
M. E. 26—Descriptive Geom.	3
	18

Second Year—Second Semester

Physics 106—Gen. Physics	4
Physics 108—Gen. Physics Lab.	1
Math. 108—Calculus	3
Chem. 6—Quant. Analysis	3 or 5
Ch. E. 1—Blow-pipe and Assay.	2 or 0
Mil. 4—Military Science	1
M. 101—Statics	3
E. M. 106—Mineralogy	1
	18

G. 105—Summer Practice (Summer work out of residence) 2

Third Year—First Semester

Chem. 233—Organic Chem.	5
Chem. 260—Physical Chem.	3
E. M. 117—Coal Lab.	1
M. 102—Mechanics of Materials	4
M. E. 122—Mechanical Lab.	2
M. E. 221—Thermodynamics	3
G. 101—Eng'g. Society	½
	18½

Third Year—Second Semester

Chem. 261—Physical Chem.	3
C. E. 115—Hydraulics	2
M. E. 29—Mechanism	4
M. 103—Materials Test. Lab.	2
M. 104—Kinetics	3
Ch. E. 201—Benzene Derivatives	3
G. 102—Eng'g. Society	½
	17½

Fourth Year—First Semester

Econ. 103—Prin. of Economics	3
E. E. 102—Elements of E. E.	4
Ch. E. 205—Chem. Eng'g. and Manf.	3
Ch. E. 206—Industrial Chem. Lab.	2
Ch. E. 220—Metallurgy	2
Ch. E. 221—Metallurgy Lab.	1
G. 103—Eng'g. Society	½
Options from the list below	3
	18½

Fourth Year—Second Semester

Eng. 186—English	1
E. E. 103—Elements of E. E.	4
M. E. 111—Machine Design	2
Ch. E. 207—Chem. Eng'g. and Manf.	2
Ch. E. 208—Chem. Eng'g. Lab.	2
Ch. E. 209—Chemical Plants	2
Inspection Trip	
G. 104—Eng'g. Society	½
Options from the list below	2 or 4
	17½

Ch. E. 101, 124, 202, 210, 211, 212, 222, 223, 230, 231, 232, 233, 301, 302 ..... 2 to 5
E. E. 214—Indus. Appl. of Elec. 3
M. E. 112—Machine Drawing 2
M. E. 207—Industrial Eng'g. 3
M. E. 223—Power Plant Design 3
G. 110—Business Law 3
Geol. 102—General Geology 3
Econ. 110—Money, Credit and Banking 2
Chem. 107, 238, 252, 262 ..... 2 to 5

CIVIL ENGINEERING

The course in civil engineering has been planned so that the student will get a substantial foundation for the work of the civil engineer. Emphasis is placed on the subjects underlying the science of engineering, such as physics, mathematics, etc., and these subjects are presented to the engineering students, not as an end in themselves, but as a means for the solution of engineering problems. The professional subjects are taught by means of recitations, lectures, drawing room work, laboratory work and field work.

Civil engineering includes topographical and geodetic engineering, which has to do with measurements of land surfaces; railroad and highway engineering, comprising the construction and maintenance of railroad lines and highways and the economic features governing them; municipal engineering, comprising the construction of sewers, water-works, etc., structural engineering, comprising the construction of buildings, bridges, foundations, docks, walls, piers, and other fixed structures; and hydraulic engineering comprising the development of water power, the transference of water from place to place, etc. The field is so broad that no man can ever become an expert over its whole extent, but fortunately all of these various branches rest upon a very small body of principles, and the student is not forced to specialize until he enters active practice.

In addition to the Sanitary Option, outlined below, the student is offered the choice of two options in the second semester of the senior year, one of which devotes more time to the subject of railroad and highway engineering, the other to the subject of hydraulic engineering.

OPTIONAL COURSE IN SANITARY ENGINEERING

Students in civil engineering who desire to specialize in Sanitary Engineering are required to make the following substitutions:

Third Year—First semester, Bacteriology 141 (3 hrs.) for Geology 11 (3 hrs.). Third Year—Second semester, Ch. E. 202 (2 hrs.) for Economics 110 (2 hrs.).

Fourth Year—First semester, C. E. 202 (4 hrs.) for C. E. 123 (4 hrs.). Fourth Year—Second semester, Economics 110 (2 hrs.) for optional subject (2 hrs.). C. E. 117 (2 hrs.) for optional subject (2 hrs.). C. E. 203 (3 hrs.) for C. E. 204 (3 hrs.). C. E. 205 (3 hrs.) for C. E. 102 (3 hrs.).

Note: See page 148, special curricula for students with irregular preparation.

UNDERGRADUATE CURRICULUM IN CIVIL ENGINEERING

Leading to the Degree of Bachelor of Science in Civil Engineering

First Year—First Semester

Eng. 1—Comp. and Rhet.	3
Math. 3—Algebra	3
Math. 4—Trig.	2
Chem. 3—Inorganic Chem.	4
Mil. 1—Military Science	1
M. E. 20—Drawing	2
M. E. 9—Shop	2
G. 1—Eng'g. Lectures	
	17

First Year—Second Semester

Eng. 2—Comp. and Rhet.	3
Math. 5—Analytic Geom.	3
Math. 6—Trig. and Algebra	2
Chem. 4—Inorganic Chem.	4
Mil. 2—Military Science	1
C. E. 2—Surveying	3
M. E. 22—Drawing	2
	18

Second Year—First Semester

Physics 105—Gen. Physics	4
Physics 107—Gen. Physics Lab.	1
Math. 107—Calculus	3
Chem. 10—Quant. Analysis	2
Mil. 3—Military Science	1
M. E. 26—Descriptive Geom.	3
C. E. 3—Advanced Surveying	2
C. E. 10—Struc. Drafting	2
	18

Second Year—Second Semester

Physics 106—Gen. Physics	4
Physics 108—Gen. Physics Lab.	1
Math. 108—Calculus	3
Geol. 102—General Geology	4
Mil. 4—Military Science	1
C. E. 4—Topo. Surveying	2
M. 101—Statics	3
	18

C. E. 5—Surveying (Summer work)	1
G. 105—Summer Practice (Summer work out of residence)	2

Third Year—First Semester

Geol. 11—Economic Geology	3
Econ. 103—Prin. of Economics	3
M. 102—Mechanics of Materials	4
M. E. 120—Heat Eng'g.	3
M. E. 122—Mechanical Lab.	2
C. E. 101—Railway Location	3
G. 101—Eng'g. Society	½
	18½

Third Year—Second Semester

Econ. 110—Money, Credit and Banking	2
M. 103—Materials Test. Lab.	2
M. 104—Kinetics	3
E. E. 101—Applied Electricity	4
C. E. 115—Hydraulics	2
C. E. 121—Roofs and Bridges	4
G. 102—Eng'g. Society	½
	17½

C. E. 107—Railroad Surveying (Summer Work)	2

Fourth Year—First Semester

C. E. 102—Railway Maintenance	3
C. E. 104—Roads and Pavements	3
C. E. 116—Water Supply Eng'g.	3
C. E. 120—Materials of Const.	2
C. E. 123—Bridge Design	4
C. E. 207—Foundations	3
G. 103—Eng'g. Society	½
	18½

Fourth Year—Second Semester

Eng. 186—English	1
G. 110—Business Law	3
C. E. 118—Sanitary Eng'g.	3
C. E. 204—Advanced Structures	3
C. E. 206—Concrete Const.	3
G. 104—Eng'g. Society	½
Inspection Trip	
Options from the list below	4
	17½

C. E. 103—Railway Economy	2
C. E. 105—Highway Economics	2
C. E. 106—Highway Lab.	2

C. E. 124—Thesis	2 to 4
C. E. 200—Water Power Eng'g.	2
Ch. E. 202—Water Examination	2

ELECTRICAL ENGINEERING

The course in electrical engineering is intended to give the student that theoretical and practical instruction which will enable him to obtain a basic knowledge of the application of electricity.

The work of the first two years is largely preparatory to the technical training of the last two years, and parallels closely that of the mechanical engineering course. This gives the requisite foundation in English, mathematics, physics, chemistry, drafting and the elements of shop practice. Electrical construction is taken up at an early part of the course so that the student may profit by it when seeking summer employment. Some of the fundamental principles of electricity and magnetism are studied in the course in physics.

The purely electrical engineering courses begin with the third year. In the first semester of this year the elements of electrical engineering are taken up. The theory is studied in the classroom and then experimentally proved or verified in the laboratory. In the second semester this study is continued to include the design, construction and operation of direct current machinery as well as the theory of alternating currents. In addition to the electrical studies the following supplementary subjects are covered during the year: Hydraulics, thermodynamics, and heat engines; mechanics, mechanical laboratory practice; economics; and money, credit, and banking.

The fourth year is largely devoted to a study of the commercial applications of electricity either directly or indirectly. The design, construction, and operation of alternating current apparatus are studied in the class and laboratory. The generation of electrical energy, its distribution and utilization, together with the economic factors to be considered, are covered by the course in electrical generation and distribution, which is continued into the second semester as a design course. Previous to this second semester's work in general design, the fundamentals of design are covered in the courses in machine design and electrical design and calculations. An introductory course in illumination and signalling is intended to acquaint the students with the fundamentals of illuminating engineering and of the transmission of intelligence by the use of electricity. The course in advanced laboratory is included to give the student an opportunity for original work.

In his senior year the student has a choice of five hours of optional courses, from which he may select those courses of particular value or interest to him. These options are listed on the opposite page below the schedule of courses.

Note: See page 148, special curricula for students with irregular preparation.

UNDERGRADUATE CURRICULUM IN ELECTRICAL ENGINEERING

Leading to the Degree of Bachelor of Science in Electrical Engineering

First Year—First Semester

Eng. 1—Comp. and Rhet.	3
Math. 3—Algebra	3
Math. 4—Trig.	2
Chem. 3—Inorganic Chem.	4
Mil. 1—Military Science	1
M. E. 1—Pattern Making	1
M. E. 7—Forging	1
M. E. 20—Drawing	2
G. 1—Eng'g. Lectures	
	17

First Year—Second Semester

Eng. 2—Comp. and Rhet.	3
Math. 5—Analytic Geom.	3
Math. 6—Trig. and Algebra	2
Chem. 4—Inorganic Chem.	4
Mil. 2—Military Science	1
C. E. 1—Surveying	1
M. E. 22—Drawing	2
E. E. 1—Electrical Const.	2
	18

M. E. 13—Machine Work (Summer Work) 3

Second Year—First Semester

Physics 105—Gen. Physics	4
Physics 107—Gen. Physics Lab.	1
Math. 107—Calculus	3
Chem. 10—Quant. Analysis	2
Mil. 3—Military Science	1
M. E. 5—Foundry	2
M. E. 24—Empirical Design	2
M. E. 26—Descriptive Geom.	3
	18

Second Year—Second Semester

Physics 106—Gen. Physics	4
Physics 108—Gen. Physics Lab.	1
Math. 108—Calculus	3
Mil. 4—Military Science	1
M. 101—Statics	3
M. E. 4—Pattern Making	2
M. E. 29—Mechanism	4
	18

G. 105—Summer Practice (Summer work out of residence) 2

Third Year—First Semester

Econ. 103—Prin. of Economics	3
M. 102—Mechanics of Materials	4
C. E. 115—Hydraulics	2
M. E. 122—Mechanical Lab.	2
M. E. 221—Thermodynamics	3
E. E. 100—Elements of E. E.	4
G. 101—Eng'g. Society	½
	18½

Third Year—Second Semester

Econ. 110—Money, Credit and Banking	2
M. 103—Materials Test. Lab.	2
M. 104—Kinetics	3
M. E. 222—Heat Engines	3
E. E. 200—D. C. Machinery	4
E. E. 201—A. C. Theory and Meas.	3
G. 102—Eng'g. Society	½
	17½

Fourth Year—First Semester

G. 110—Business Law	3
M. E. 111—Machine Design	2
M. E. 112—Machine Drawing	2
E. E. 202—A. C. Machinery	3
E. E. 204—Elec. Design and Calc.	3
E. E. 205—Electrical Lab.	2
E. E. 207—Elec. Gen. and Dist.	3
G. 103—Eng'g. Society	½
	18½

Fourth Year—Second Semester

Eng. 186—English	1
M. E. 228—Eng'g. Lab.	2
E. E. 104—Illumination	2
E. E. 203—A. C. Machinery	2
E. E. 206—Advanced Elec. Lab.	2
E. E. 208—Elec. Gen. and Dist.	3
G. 104—Eng'g. Society	½
Inspection Trip	
Options from the list below	5
	17½

E. E. 105—Thesis	2 to 5
E. E. 207—Electric Traction	2
E. E. 210—Rate Making	2
E. E. 211—Electric Research	2
E. E. 212—Transients, Surges and Electric Waves	3
E. E. 213—Electric Power Transmission and Distribution	3
E. E. 214—Industrial Applications of Electricity	3
E. E. 215—High Tension Dielectric Phenomena	3
E. E. 216—Telephone Eng'g.	3
Ch. E. 210—Electrochemical Indus.	3
Math. 240—Differential Equations	3

MECHANICAL ENGINEERING

The aim of the course in mechanical engineering is to give the student such mental equipment as will enable him to deal most effectively both technically and commercially with general engineering problems. All possible practice is given in the work that an engineer is ordinarily called on to do, but greater stress is laid on a thorough knowledge of those underlying principles and methods which are the foundation of all engineering professions. To this is added a study of those economic subjects which are essential to a thorough understanding of sound business methods. Options are provided in the fourth year which enable the student to specialize in accordance with his natural inclination. Students selecting the power option or the industrial option in the first semester are required to take at least three semester hours in the same group during the second semester.

The work in pure mathematics is terminated at the end of the second year, and applications follow in the recitation room courses in mechanism, statics, mechanics of materials, dynamics and machine design. Steam engineering begins with the course in thermodynamics in the third year and is continued by the courses in heat engines and power plant design with options in the design of steam boilers and turbines. A sufficient amount of electrical engineering is given in the third and fourth years to enable the student to handle engineering operations involving the simpler electrical problems with additional courses available in the electrical option.

The shop work, commencing in the first year, is planned to acquaint students with the fundamental tools and mechanical operations, to enable them to acquire a reasonable amount of manual dexterity, and to furnish them continuously with practical examples of the principles studied in the class rooms. With those selecting the industrial option a study is made of the methods used in manufacturing plants and engineering establishments, and of the principles of industrial management.

Drafting room work is given throughout the four years, starting with elementary mechanical drawing in the first year. The courses in mechanism, machine design and power plant design are accompanied by drawing room work, giving practical applications of the principles studied in the class room, and constant practice in the execution of drawings.

The engineering laboratories provide the students with practice in testing, handling and caring for a large variety of machinery, including steam, air, gas, hydraulic, material-testing and power-transmission machinery. One half-day a week is devoted to this work during the last two years.

Note: See page 148, special curricula for students with irregular preparation.

UNDERGRADUATE CURRICULUM IN MECHANICAL ENGINEERING

Leading to the Degree of Bachelor of Science in Mechanical Engineering

First Year—First Semester

Eng. 1—Comp. and Rhet.	3
Math. 3—Algebra	3
Math. 4—Trig.	2
Chem. 3—Inorganic Chem.	4
Mil. 1—Military Science	1
M. E. 5—Foundry	2
M. E. 20—Drawing	2
G. 1—Eng'g. Lectures	
	17

First Year—Second Semester

Eng. 2—Comp. and Rhet.	3
Math. 5—Analytic Geom.	3
Math. 6—Trig. and Algebra	2
Chem. 4—Inorganic Chem.	4
Mil. 2—Military Science	1
C. E. 1—Surveying	1
M. E. 1—Pattern Making	1
M. E. 7—Forging	1
M. E. 22—Drawing	2
	18

M. E. 13—Machine Work (Summer Work) 3

Second Year—First Semester

Physics 105—Gen. Physics	4
Physics 107—Gen. Physics Lab.	1
Math. 107—Calculus	3
Chem. 10—Quant. Analysis	2
Mil. 3—Military Science	1
M. E. 4—Pattern Making	2
M. E. 24—Empirical Design	2
M. E. 26—Descriptive Geom.	3
	18

Second Year—Second Semester

Physics 106—Gen. Physics	4
Physics 108—Gen. Physics Lab.	1
Math. 108—Calculus	3
Mil. 4—Military Science	1
M. 101—Statics	3
M. E. 10—Pipe Fitting	1
M. E. 14—Machine Work	1
M. E. 29—Mechanism	4
	18

G. 105—Summer Practice (Summer work out of residence) 2

Third Year—First Semester

Econ. 103—Prin. of Economics	3
M. 102—Mechanics of Materials	4
E. E. 102—Elements of E. E.	4
M. E. 105—Machine Const.	2
M. E. 122—Mechanical Lab.	2
M. E. 221—Thermodynomics	3
G. 101—Eng'g. Society	½
	18½

Third Year—Second Semester

Econ. 110—Money, Credit and Banking	2
M. 103—Materials Test. Lab.	2
M. 104—Kinetics	3
E. E. 103—Elements of E. E.	4
M. E. 111—Machine Design	2
M. E. 112—Machine Drawing	2
M. E. 222—Heat Engines	3
G. 102—Eng'g. Society	½
	18½

Fourth Year—First Semester

C. E. 115—Hydraulics	2
C. E. 122—Structural Eng'g. or	
Ch. E. 220—Metallurgy	2
Ch. E. 221—Metallurgy Lab.	1
M. E. 123—Eng'g. Lab.	2
M. E. 201—Machine Design	2
M. E. 202—Machine Drawing	2
M. E. 223—Steam Power Plants	3
G. 103—Eng'g. Society	½
Options from the list below	3
	17½

Fourth Year—Second Semester

Eng. 186—English	1
G. 110—Business Law	3
E. E. 214—Indus. Appl. of Elec.	3
M. E. 227—Power Plant Design	2
M. E. 228—Eng'g. Lab.	2
G. 104—Eng'g. Society	½
Inspection Trip	
Options from the list below	6
	17½

M. E. 106—Shop Methods	2 or 3
M. E. 121—Steam Boilers	2 or 3
M. E. 124—Thesis	2 or 4
M. E. 203—Gas Engine Desn.	3
M. E. 205—Industrial Eng'g.	3
M. E. 207—Industrial Eng'g.	3

M. E. 224—Steam Turbines	3
M. E. 225—Gas Eng'g.	3
M. E. 226—Heat and Vent	2 or 3
E. E. 204—Electric Desn. and Calc.	3
E. E. 210—Rate Making	2

MINING ENGINEERING

Mining engineering deals with the processes and appliances used in the extraction of minerals from within the earth. Not only must the mining engineer be thoroughly trained in mining and geology, but also in the application of the fundamental principles of civil, electrical and mechanical engineering to mining conditions.

The first two years of the course in mining engineering are devoted to a thorough training in the underlying principles of mathematics, physics and chemistry. Supplementing these are courses in surveying, including mine surveying, and English, drawing, and shop work. For the last two years of the course two options are provided, one in coal mining and one in geological engineering and oil and gas production. The student is permitted to state his choice of option at the beginning of the sophomore year.

COAL MINING

In the coal mining option the study of coal mining is taken up in the third year. This study includes the geology and classification of coals; explosives and blasting; prospecting; shaft sinking and tunneling; methods of working; haulage, hoisting and pumping; and the preparation of coal for the market. A course in the projection of mine workings and the design of mining plants runs throughout the senior year. A thorough course in mine gases and the ventilation of mines is given in the first half of the fourth year, supplemented by work in the mining laboratory. The course in fuels is designed to give the student a knowledge of the various fuels that are utilized in engineering practice, while the courses in metallurgy acquaint him with the minerals and processes used in manufacture of iron and steel. The course in mine management presents the economic, social, and financial considerations to be met in the successful management of a mining enterprise.

The study of steam engineering begins with the course in heat engineering, and practice in the handling and care of instruments and machinery and in the solution of practical engineering problems is offered in the mechanical laboratory. These courses are followed by courses in electrical engineering and structural engineering.

A training in the science of geology is offered by the courses in mineralogy and general geology. These courses may be supplemented by the study of the economic geology of the non-metallic minerals in the senior year, special attention being paid to the geology of coal, oil and gas. Should the student desire further work in geology a course in field geology is offered as an elective subject.

The courses in economics; money, credit, and banking; and business law furnish the fundamental business training so essential for the engineer.

Note: See page 148, special curricula for students with irregular preparation.

UNDERGRADUATE CURRICULUM IN MINING ENGINEERING (COAL MINING OPTION)

Leading to the Degree of Bachelor of Science in Engineering of Mines

First Year—First Semester

Eng. 1—Comp. and Rhet.	3
Math. 3—Algebra	3
Math. 4—Trig.	2
Chem. 3—Inorganic Chem.	4
Mil. 1—Military Science	1
M. E. 9—Shop	2
M. E. 20—Drawing	2
G. 1—Eng'g. Lectures	
	17

First Year—Second Semester

Eng. 2—Comp. and Rhet.	3
Math. 5—Analytic Geom.	3
Math. 6—Trig. and Algebra	2
Chem. 4—Inorganic Chem.	4
Mil. 2—Military Science	1
C. E. 2—Surveying	3
M. E. 22—Drawing	2
	18

Second Year—First Semester

Physics 105—Gen. Physics	4
Physics 107—Gen. Physics Lab.	1
Math. 107—Calculus	3
Mil. 3—Military Science	1
C. E. 3—Advanced Surveying	2
M. E. 10—Pipe Fitting	1
M. E. 23—Drawing	2
M. E. 26—Descriptive Geom.	3
E. M. 106—Mineralogy	1
	18

Second Year—Second Semester

Physics 106—Gen. Physics	4
Physics 108—Gen. Physics Lab.	1
Math. 108—Calculus	3
Chem. 6—Quant. Analysis	4
Mil. 4—Military Science	1
M. 101—Statics	3
E. M. 101—Mine Surveying	2
	18

E. M. 102—Mine Surveying (Summer Work) 3

Third Year—First Semester

Econ. 103—Prin. of Economics	3
Geol. 102—General Geology	4
M. 102—Mechanics of Materials	4
M. E. 120—Heat Eng'g.	3
M. E. 122—Mechanical Lab.	2
E. M. 111—Mining	2
G. 101—Eng'g. Society	½
	18½

Third Year—Second Semester

Econ. 110—Money, Credit and Banking	2
M. 103—Materials Test. Lab.	2
M. 104—Kinetics	3
C. E. 115—Hydraulics	2
E. M. 107—Mining Methods	4
E. M. 112—Coal Mining	4
G. 102—Eng'g. Society	½
	17½

G. 105—Summer Practice (Summer work out of residence) 2

Fourth Year—First Semester

G. 110—Business Law	3
Ch. E. 220—Metallurgy	2
E. E. 102—Elements of E. E.	4
C. E. 122—Structural Eng'g.	3
E. M. 113—Mine Ventilation	3
E. M. 115—Mining Design	2
E. M. 117—Coal Lab.	1
G. 103—Eng'g. Society	½
	18½

Fourth Year—Second Semester

Eng. 186—English	1
E. E. 103—Elements of E. E.	4
E. M. 114—Mine Management	1
E. M. 116—Mining Design	3
E. M. 118—Mining Lab.	3
G. 104—Eng'g. Society	½
Inspection Trip	
Options from the list below	5
	17½

E. M. 120—Thesis	2 to 4
C. E. 206—Concrete Const.	3
M. E. 207—Industrial Eng'g.	3
Ch. E. 1—Blow Pipe and Assaying	2
Ch. E. 211—Fuels	3
Geol. 11—Economic Geol.	4
Geol. 162—Field Geol.	3

GEOLOGICAL ENGINEERING AND OIL AND GAS PRODUCTION

This option is planned to meet the needs of the engineer who is more interested in the geological aspect of mining than in the actual operation of a mining property. There is a growing demand for the so-called mining geologist who, while he has had a thorough training in the fundamentals of engineering in general and of mining engineering in particular, yet is specially qualified to work out the detailed geological features of mining properties and to make reports on them. This is particularly true in the case of oil and gas companies, where accurate geological knowledge in advance of actual drilling operations is of the greatest importance in the economical development of the field. Besides the opportunities offered by mining companies many of our railroads maintain a corps of geologists while the several states and the federal government are continually carrying on geological investigations. This course also offers an excellent preparation for those who propose to carry on graduate work.

In the junior year the course differs from the coal mining option in that organic chemistry and geological courses are substituted for the courses in coal mining. A course in field geology in which the student prepares a geological map and a complete report on an assigned area enables him to apply the geological knowledge he received in his sophomore year. The fundamentals of mining are studied in the senior year as well. The study of oil and gas geology treats of the origin, properties, distribution and mode of accumulation of oil and gas, and familiarizes the students with all the available sources of information on this subject. The courses in oil and gas production and oil refining take up the subjects of the chemical and physical properties of petroleum and natural gas, their extraction and subsequent treatment, the valuation of oil and gas properties, reports on them, and the actual testing in the laboratory of various oils, oil shales, and natural gas.

A thorough grounding in the fundamentals of business is afforded by the courses in economics; money, credit, and banking; and business law.

Note: See page 148, special curricula for students with irregular preparation.

UNDERGRADUATE CURRICULUM IN MINING ENGINEERING (OIL AND GAS OPTION)

Leading to the Degree of Bachelor of Science in Engineering of Mines

First Year—First Semester

Eng. 1—Comp. and Rhet.	3
Math. 3—Algebra	3
Math. 4—Trig.	2
Chem. 3—Inorganic Chem.	4
Mil. 1—Military Science	1
M. E. 9—Shop	2
M. E. 20—Drawing	2
G. 1—Eng'g. Lectures	
	17

First Year—Second Semester

Eng. 2—Comp. and Rhet.	3
Math. 5—Analytic Geom.	3
Math. 6—Trig. and Algebra	2
Chem. 4—Inorganic Chem.	4
Mil. 2—Military Science	1
C. E. 2—Surveying	3
M. E. 22—Drawing	2
	18

Second Year—First Semester

Physics 105—Gen. Physics	4
Physics 107—Gen. Physics Lab.	1
Math. 107—Calculus	3
Geol. 102—General Geology	4
Mil. 3—Military Science	1
M. E. 10—Pipefitting	1
M. E. 23—Drawing	2
M. E. 26—Descriptive Geom.	3
	19

Second Year—Second Semester

Physics 106—Gen. Physics	4
Physics 108—Gen. Physics Lab.	1
Math. 108—Calculus	3
Geol. 103—Historical Geology	4
Chem. 6—Quant. Analysis	5
Mil. 4—Military Science	1
	18

Third Year—First Semester

Econ. 103—Prin. of Economics	3
Chem. 233—Organic Chem.	5
M. 101—Statics	3
C. E. 3—Advanced Surveying	2
Ch. 2. 220—Metallurgy	2
E. M. 106—Mineralogy	1
E. M. 111—Mining	2
G. 101—Eng'g. Society	½
	18½

Third Year—Second Semester

Econ. 110—Money, Credit and Banking	2
Geol. 162—Field Geology	3
Geol. 205—Structural Geology	3
Geol. 211—Mineral Fuels	3
M. 102—Mechanics of Materials	4
E. M. 101—Mine Surveying	2
G. 102—Eng'g. Society	½
	17½

G. 105—Summer Practice (Summer work out of residence)	2
E. M. 102—Mine Surveying (Summer Work)	3

Fourth Year—First Semester

M. 104—Kinetics	3
M. E. 120—Heat Eng'g.	3
M. E. 122—Mechanical Lab.	2
Ch. E. 101—Oil Lab.	1
Ch. E. 212—Oil Refining Lab.	2
G. 110—Business Law	3
C. E. 115—Hydraulics	2
E. M. 108—Oil and Gas Prod.	2
G. 103—Eng'g. Society	½
	18½

Fourth Year—Second Semester

Eng. 186—English	1
M. 103—Materials Test. Lab.	2
E. E. 101—Applied Electricity	4
Ch. E. 211—Fuels	3
E. M. 103—Geological Surveying	2
G. 104—Eng'g. Society	½
Inspection Trip	
Options from the list below	4
	16½

E. M. 112—Coal Mining	4
E. M. 120—Thesis	2 to 4
Ch. E. 1—Blow Pipe and Assaying	2
Ch. E. 201—Benzene Deriv.	3
C. E. 206—Concrete Const.	3
M. E. 207—Industrial Eng'g.	3
Geol. 11, 204	4
Chem. 107, 238, 260	3 to 5

INDUSTRIAL EDUCATION

The object of this course is to prepare men and women to teach vocational industrial subjects in high schools, vocational schools, night schools, part-time schools, and schools in industrial plants and to supervise work in connection with the administration of the state and federal vocational education Acts. It is intended to give students a broad, flexible, practical education upon which they can build a life of usefulness and service and which will enable them to pursue graduate work with assurance and confidence.

In addition to the shop courses taken in the University, not less than eighteen weeks of work must be done under commercial and trade conditions. This work should be approved by the instructor before the student enters upon it. It will carry five hours of credit in G. 106 and 107. A monthly report will be required on the work done.

Electives may be made from the following grouping. Whenever a new subject is started, at least eight hours must be taken in that subject and all prerequisites must be met. Electives in subjects other than those listed may be allowed when approved by the adviser, the faculty and the committee on scholarship. A total of 133 hours' credit is required for graduation in this course.

Those who have a satisfactory trade experience of two years beyond the period of apprenticeship in accordance with the state plan for vocational education and who take this course will be eligible to teach their trade as well.

The course of any candidate for a degree will include:

	Hours		Hours
English	10	Economics	6
Physics	10	Public Speaking	5
Chemistry	10	Education (8 hours to be in Industrial Education)	15
Drawing	6	Outside shop work	5
Shop work	30	Military (when required)	4
Mathematics	5	Physical Education	2

Electives will be chosen from the following groups except as noted above:

	Hours		Hours
English	6	Shops	5
Physics	10	Mathematics	11
Chemistry	20	Education	5
Drawing	9		
Physical Education[1]	23		

Not less than eight hours may be chosen from any branch of engineering in which the student is prepared to meet the requirements of the course.

[1]Including Physical Education courses Nos. 75, 78, 153, 176, and 177, and 8 hours made up of selected work from courses 11, 12, 43, 44, 111, 112, 143, and 144.

At least eight hours in industrial education including I. E. 100 and 101 are required. The rest of the work in education will be taken in the College of Education.

UNDERGRADUATE CURRICULUM IN INDUSTRIAL EDUCATION

Leading to the Degree of Bachelor of Science in Industrial Education

First Year—First Semester

Eng. 1—Comp. and Rhet.	3
Eng. 3—Evolution of Eng. Literature	3
Math. 3—Algebra	3
Chem. 3—Inorganic Chem.	4
Mil. 1—Military Science	1
M. E. 1—Pattern Making	1
M. E. 7—Forging	1
M. E. 20—Drawing	2
	18

First Year—Second Semester

Eng. 2—Comp. and Rhet.	3
Eng. 4—Evolution of Eng. Literature	3
Math. 4—Trig.	2
Chem. 4—Inorganic Chem.	4
Mil. 2—Military Science	1
M. E. 5—Foundry	2
M. E. 22—Drawing	2
	17

Second Year—First Semester

Physics 105—Gen. Physics	4
Physics 107—Gen. Physics Lab.	1
Econ. 11—Prin. of Economics	3
Pub. Spkg. 1—Voice and Diction	3
Mil. 3—Military Science	1
M. E. 2—Woodworking	2
M. E. 11—Machine Work	2
	16

Second Year—Second Semester

Physics 106—Gen. Physics	4
Physics 108—Gen. Physics Lab.	1
Econ. 12—Prin. of Economics	3
Pub. Spkg. 11—Effective Speaking	3
Mil. 4—Military Science	1
M. E. 12—Machine Work	1
M. E. 24—Empirical Design	2
M. E. 103—Foundry Work	3
	18

Third and fourth years to be arranged. See preceding page for requirements.

FIVE-YEAR CURRICULA

(Leading to the degree of Bachelor of Science and degrees in engineering.)

These curricula are designed to meet the needs of students who wish a broader training in liberal arts subjects than is provided in a four-year curriculum. The work outlined for the first four years may also be taken by students who desire a general scientific course with engineering as a major as a preparation for the study of law, business, business administration, or some branch of science, or for teaching mathematics and science.

(A) Requirements for the Degree of Bachelor of Science.

To be conferred at the end of the fourth year.

	Hours
English Composition	6
Mathematics 3, 4, 5, 6, 107, 108	16
Physics 105, 106, 107, 108	10
Mechanics 101, 102, 104	10
Chemistry	10
Descriptive Geometry	3
Mechanical Drawing	6
Economics	6
One foreign language	12
Electives from one of the following groups:	6
(1) English, Journalism, Public Speaking	
(2) Foreign Language	
(3) History	
(4) Political Science	
(5) Philosophy and Sociology	
Military	4
Physical Education	2
The remaining requirements in the first three years of any four-year engineering curriculum, except summer practice[1]	42
Total	133

(B) Requirements for the Bachelor's degree in Engineering.

To be conferred upon completion of the fifth year.

Summer Practice 105	2
The work outlined for the fourth year in the department in which the first degree was taken	36
Total for five years	171

Detailed outlines for the different engineering curricula may be obtained upon application.

[1]Candidates for the degree of Bachelor of Science in Chemical Engineering may postpone three semester hours of third year work until the fifth year to take the place of economics required for the degree of Bachelor of Science.

Candidates for degrees in civil and mining engineering may substitute other work for M. E. 9—2 hours.

In special cases students may, with the approval of the adviser and committee on scholarship, be permitted to substitute a limited amount of fourth year work in the same curriculum for third year subjects.

SPECIAL ENGINEERING CURRICULA

1. *Elective Groups for Students in Other Colleges.* Candidates for degrees other than engineering degrees and special students in any department of the University are permitted to elect subjects in the College of Engineering, provided, in each case they have had the subjects specified as prerequisites. Students who wish to take a general classical or scientific course of study before taking the engineering curriculum are advised to carry their mathematics as far as called for by the engineering curriculum, and to take some of their elective work in the College of Engineering. The engineering instructors will advise them what is the best to elect.

Credits are given in the College of Arts and Sciences for the following engineering courses:

	Hours.
Mechanical Drawing (M. E. 20-24 and C. E. 10)	8
Descriptive Geometry (M. E. 26)	3
Mechanism (M. E. 29)	4
Industrial Engineering (M. E. 207)	3
Elements of Electrical Engineering (E. E. 100)	4
Applied Electricity (E. E. 101)	4
Elements of Electrical Engineering (E. E. 102 and 103)	8
Direct Current Machinery (E. E. 200)	4
Theory of Alternating Currents (E. E. 201)	3
Alternating Current Machinery (E. E. 202 and 203)	5
Electrical Laboratory (E. E. 205 and 206)	4
Statics (M. 101)	3
Mechanics of Materials (M. 102)	4
Kinetics (M. 104)	3
Hydraulics (C. E. 115)	2
Mineralogy (E. M. 106)	1
Metallurgy (Ch. E. 220 and 221)	3
Surveying (C. E. 1, 2, and 3)	6
Thermodynamics (M. E. 221)	3
Heating and Ventilating (M. E. 226)	3
Heat Engines (M. E. 222)	3
Geological Surveying (E. M. 103)	2
Industrial Education (I. E. 103, 105 and 201)	6
Chemical Engineering and Manufacturers (Ch. E. 205)	3
Industrial Chemistry Laboratory (Ch. E. 206)	2

In addition to the above, the student may elect with the consent of his adviser, when his major subject is physics or if enrolled in the College of Education:

Engineering (M. E. 1-14 and 101-107)	10

2. *Partial Curriculum.* Students who have not the time or are otherwise unable to take a full curriculum will be allowed to take a special or partial curriculum, consisting of such studies as they are prepared to take, provided that such curriculum shall have been approved by the adviser. For further information see statement of requirements for admission as special students.

SUMMER TERM

A summer term lasting six weeks is given immediately after the close of each collegiate year. The following courses are regularly scheduled for the summer term and should be taken at that time by all regular engineering students. See Curricula, pages 150 to 164.)

Chemical; M. E. 10 and 11.
Mechanical and Electrical; M. E. 13.
Civil; C. E. 5 and 107.
Mining; E. M. 102.

Other regular engineering courses are offered as follows:

M. E. 1, 3, 4, 7, 20, 22, 24, 26, 104.
M. 101, 102, 104.
C. E. 115, 121.
I. E. 105, 201.

In addition, the faculty of the College of Arts and Sciences usually offers courses required or accepted for the engineering degrees as follows:

Chemistry 3, 4, 5, 6, 107, and 233.
Economics 11s, 12s, and 111s.
English 1 and 2.
Solid Geometry 2.
Algebra 3s.
Trigonometry 4 and 6.
Analytical Geometry 5.
Calculus 107s and 108s.
Physics 107, 108, 105, and 106.

These opportunities are of advantage to irregular students who have deficiencies to remove in these subjects and they are urged to adjust their work to the regular schedules at the earliest possible time. Regular students who have completed the required summer courses are advised to spend their vacations in practical work, for which credit may be given under the Summer Practice 105.

CURRICULA FOR GRADUATE STUDENTS IN ENGINEERING

Graduate courses lead to the degrees of Master of Science in Civil Engineering, Master of Science in Mechanical Engineering, Master of Science in Electrical Engineering, Master of Science in Engineering of Mines, and Master of Science in Chemical Engineering, respectively. They consist of advanced engineering courses aggregating thirty-two semester hours of which eight hours may be a thesis, and require one year of resident study and work at the University.

A candidate for a master's degree is required to have completed the prescribed four-year curriculum of undergraduate study in that department of the college in which he proposes to take a degree, or to have completed such a curriculum or its equivalent at some other institution of recognized standing, conferring the same or an equivalent baccalaureate degree. In the latter case, the diploma and other certificates of proficiency should be presented.

There is no fixed curriculum of subjects for any of these degrees, but the curriculum of study or investigation is arranged to suit the needs of each candidate, subject to the University regulations governing candidates for the master's degree. Each candidate for a degree must select his major subject in the department in which his degree is to be taken and submit a thesis showing attainment in some phase of this subject.

PROFESSIONAL DEGREES

The University confers the following professional degrees: Civil Engineer (C. E.), Mechanical Engineer (M. E.), Electrical Engineer (E. E.), and Engineer of Mines (E. M.), upon graduates of the College of Engineering of West Virginia University on the basis of practical experience and study in absentia, the presentation of a thesis and an oral final examination.

To be eligible a candidate for a professional degree must have been in active practice of his profession for at least five years since receiving his first degree and must have been in responsible charge of important work for at least two years, and must be qualified to design as well as direct engineering work.

Application for registration as a candidate for a degree should be made not later than the first day of October in the year in which the degree is expected. Detailed regulations and registration blanks may be obtained from the Dean of the College of Engineering.

COURSES OF INSTRUCTION

The following abbreviations are used in the announcements of courses:

I—a course given during the first semester
II—a course given during the second semester
I, II—a course given each semester
Hrs.—number of credit hours per semester

A credit of one semester hour is given for a lecture or recitation course meeting one hour per week for one semester and requiring two hours of preparation for each lecture or recitation. Credit for practical work in the shops, drawing rooms, laboratories and field is given on the basis of the actual time required, including the preparation of reports and the writing of notes, three hours of actual work counting as one credit hour.

Courses starred (*) may be taken as undergraduate work by students in colleges other than the College of Engineering.

A complete statement showing the name, number and description of each course, number of credit hours, days on which class meets, name of instructor, room number, and building, appears in a semester schedule published at the beginning of each semester.

PLAN FOR NUMBERING COURSES

For convenience it is customary to designate the course of study by the name of the department and the number of the particular course. Wherever reference is made to engineering courses in the course announcements and textual matter the department will be indicated as follows:

Chemical engineering	—Ch. E.
Civil engineering	—C. E.
Electrical engineering	—E. E.
Industrial education	—I. E.
Mechanical engineering	—M. E.
Mechanics	—M.
Mining engineering	—E. M.
General	—G.

The plan for numbering courses is as follows:

Courses 1 to 99—open to freshmen and sophomores
Courses 100 to 199—junior and senior courses not open to graduates
Courses 200 to 299—junior and senior courses open to graduates
Courses 300 to 399—courses open to graduates only

CHEMICAL, METALLURGICAL, AND CERAMIC ENGINEERING

Professor HODGE, Professor KOEHLER, Mr. JENNI, and Mr. H. M. CATHER.

1. **Blow-Pipe Analysis and Assaying.** II. (2 Hrs.).
Prerequisite: Chemistry 6 or 10. Laboratory and recitations.
Mr. JENNI.

101. **Oil Laboratory.** I. (1 Hr.).
Primarily for students taking the Oil and Gas Option. Prerequisite: Chemistry 6 or 10.
Professor KOEHLER.

124. **Thesis.** I, II. (2 to 5 Hrs.).
Some problem in chemical engineering or industrial chemistry is selected for investigation. A carefully prepared report is required. Credit is given in proportion to time put in and results obtained.
Professor HODGE or Professor KOEHLER.

201. **Benzene Derivatives.** II. (2 or 3 Hrs.).
Manufacture of commercial products from coal tar, benzene and related compounds; intermediates, dyes, drugs, and explosives. Prerequisite: Chemistry 233. Recitations and laboratory.
Professor HODGE and Mr. JENNI.

202. **Water Examination and Purification.** II. (2 Hrs.).
Prerequisite: Chemistry 6 or 10. Recitations and laboratory.
Professor HODGE.

205.* **Chemical Engineering and Manufactures.** I. (3 Hrs.).
Prerequisites: Chemistry 260 and M. 103.
Professor HODGE.

206.* **Industrial Chemistry Laboratory.** I. (2 Hrs.).
To accompany Ch. E. 205.
Professor HODGE and Professor KOEHLER.

207. **Chemical Engineering and Manufactures.** II. (2 Hrs.).
Continuation of Ch. E. 205.
Professor HODGE.

208. **Chemical Engineering Laboratory.** II. (2 Hrs.).
To accompany Ch. E. 207. Continuation of Ch. E. 206.
Professor HODGE and Mr. JENNI.

209. **Chemical Plants.** II. (2 Hrs.).
Prerequisites: M. E. 29 and Ch. E. 205. The principles applied in the layout, design and operation of industries devoted to the production of industrial chemicals.
Professor HODGE and Mr. H. M. CATHER.

210. **Electrochemical Industries.** I. (2 or 3 Hrs.).
Prerequisites: E. E. 103 and Chemistry 6 or 10.
Professor KOEHLER and Mr. JENNI.

211. **Fuels.** II. (2 or 3 Hrs.).
Prerequisites: Chemistry 6 and M. E. 122. Recitations and laboratory.
Professor HODGE and Professor KOEHLER.

212. **Oil Refining Laboratory.** I. (2 Hrs.).
Prerequisites: Chemistry 233 and M. 103.
Professor KOEHLER.

220.* **Metallurgy of Iron and Steel.** I. (2 Hrs.).
Prerequisite: Chemistry 6 or 10.
Professor HODGE.

221.* **Metallurgy Laboratory.** I. (1 Hr.).
To accompany Ch. E. 220. Preparation and microscopical examination of twenty-five specimens of iron and steel; analytical determinations.
Professor HODGE and Mr. JENNI.

222. **Metallurgy Non-Ferrous.** II. (2 Hrs.).
Prerequisites: Chemistry 6 and M. 103.
Professor HODGE.

223. **Metallography Laboratory.** II. (2 Hrs.).
Prerequisites: Ch. E. 220, 221, and 222 and Chemistry 260.
Professor HODGE.

230. **Ceramics.** I, II. (2 Hrs.).
A review of the ceramic industries. Chemical and engineering principles applied in the manufacture of ceramic materials, pottery, enamels, and glass. Prerequisite: Chemistry 260.
Professor KOEHLER.

231. **Ceramics Laboratory.** I, II. (1 Hr.).
Working and testing of clays. Compounding of bodies, glazes, and enamels. Biscuit and glost firing of enamel ware. Factory control tests. Prerequisite: Ch. E. 230.
Professor KOEHLER.

232. **Refractories.** I, II. (2 Hrs.).
Manufacture, properties, and use of refractory materials. Standard tests. Study of phase rule diagram of refractory materials. Prerequisite: Chemistry 6 or 10.
Professor KOEHLER.

233. Glass. I, II. (2 Hrs.).
Physical and chemical properties of glass. Methods of analysis of glass and of raw materials. Theory and factory practice of manufacture. Prerequisite: Ch. E. 230.

Professor KOEHLER.

300. Thesis. I, II.
Credit to be arranged. A problem in Chemical Engineering, metallurgy or ceramics is selected by the student for investigation and report.

Professor HODGE or Professor KOEHLER.

301. Coal Tar and By-Products. II. (2 Hrs.).
Prerequisites: Ch. E. 201, 207, and 208.

Professor HODGE.

302. Biochemical Industries. I. (3 Hrs.).
Prerequisites: Ch. E. 207.

Professor HODGE.

310. Research Problems. I, II. (3 to 10 Hrs.).
More advanced and extended work on research problems than can be given in Ch. E. 300. Credit in proportion to work done, but as a general rule no student will be allowed to register for this course who cannot put in time equivalent to five hours' credit per semester for at least two consecutive semesters. An approved written report is essential for credit in this course. Prerequisites: Ch. E. 207 and 208.

Professor HODGE or Professor KOEHLER.

311. Research Problems. I, II. (3 to 10 Hrs.).
A continuation of Ch. E. 310.

Professor HODGE or Professor KOEHLER.

CIVIL ENGINEERING

RAILWAY AND HIGHWAY ENGINEERING AND SURVEYING

Professor MORRIS and Assistant Professor NELSON.

STRUCTURAL, HYDRAULIC, AND SANITARY ENGINEERING

Professor DAVIS and Professor CARPENTER.

1.* Surveying. II. (1 Hr.).
Primarily for first year students. Required for degrees in mechanical, electrical and chemical engineering. Prerequisite: Plane trigonometry.

Assistant Professor NELSON.

2.* **Land Surveying.** I, II. (3 Hrs.).
Required of all candidates for degrees in civil and mining engineering. Lectures, recitations, field practice.
Professor MORRIS and Assistant Professor NELSON.

3* **Advanced Surveying.** I, II. (2 Hrs.).
Continuation of C. E. 2.
Assistant Professor NELSON.

4. **Topographical Surveying.** I. (2 Hrs.).
Lectures, recitations, field practice and map drawing. Prerequisite: C. E. 3.
Assistant Professor NELSON.

5. **Surveying.** (1 Hr.).
Prerequisite: C. E. 4. Summer term; first six working days after close of second semester, 8:00-12:00 and 1:00-5:00.
Assistant Professor NELSON.

10.* **Structural Drafting.** I. (2 Hrs.).
Two three-hour periods weekly.
Professor CARPENTER.

101. **Railway Location.** I. (3 Hrs.).
Lectures, recitations, field work and drawing. Prerequisite: C. E. 4.
Assistant Professor NELSON.

102. **Railway Construction and Maintenance.** I. (3 Hrs.).
Prerequisite: C. E. 101.
Professor MORRIS.

103. **Railway Economy.** II. (2 Hrs.).
Professor MORRIS.

104. **Roads and Pavements.** I. (3 Hrs.).
Lectures, recitations and field work.
Professor MORRIS.

105. **Highway Economics.** II. (2 Hrs.).
Continuation of C. E. 104 with special reference to permanent improvements and maintenance of existing roads.
Professor MORRIS.

106. **Highway Laboratory.** II. (2 Hrs.).
Prerequisite: M. 102.
Assistant Professor NELSON.

107. **Railroad Surveying.** (2 Hrs.).
Surveying practice supplementing C. E. 101. Summer term; last twelve working days before opening of first semester, 8:00-12:00 and 1:00-5:00.

Assistant Professor NELSON.

115.* **Hydraulics.** I, II. (2 Hrs.).
Prerequisites: M. 101 and registration in M. 102 or M. 104.

Professor DAVIS and Professor CARPENTER.

116. **Water Supply Engineering.** I. (3 Hrs.).
Prerequisite: C. E. 115.

Professor DAVIS and Professor CARPENTER.

117. **Municipal Engineering.** I, II. (2 Hrs.).
Municipal sanitary work, including garbage and refuse disposal, fly and rodent control, rural sanitation, vital statistics.

Professor CARPENTER.

118. **Sanitary Engineering.** II. (3 Hrs.).
Prerequisite: C. E. 115.

Professor CARPENTER.

120. **Materials of Construction.** I. (2 Hrs.).
Prerequisite: M. 102.

Professor CARPENTER.

121. **Roofs and Bridges.** II. (4 Hrs.).
Prerequisite: M. 102.

Professor DAVIS and Professor CARPENTER.

122. **Structural Engineering.** I. (2 or 3 Hrs.).
Prerequisite: M. 102.

Professor DAVIS and Professor CARPENTER.

123. **Bridge Design.** I. (4 Hrs.).
Prerequisite: C. E. 121.

124. **Thesis.** I, II. (2 to 4 Hrs.).
Special design, investigation, or original research of some assigned topic relating to civil engineering.

Staff.

200. **Water Power Engineering.** II. (2 Hrs.).
Prerequisite: C. E. 115.

Professor DAVIS.

201. **Hydraulic Measurements.** I, II. (1 Hr.).
Prerequisite: C. E. 115.

Professor DAVIS.

202. **Water Purification and Design.** I. (4 Hrs.).
The operation and design of water purification plants. Prerequisite: Registration in C. E. 116.

Professor CARPENTER.

203. **Sewage Disposal.** II. (3 Hrs.).
The operation and design of sewage treatment plants. Prerequisite: C. E. 115.

Professor CARPENTER.

204. **Advanced Structures.** II. (3 Hrs.).
Prerequisite: C. E. 121.

Professor DAVIS and Professor CARPENTER.

205. **Steel Building Design.** I, II. (3 Hrs.).
As a part of this course a small building is completely designed and show drawings made for it. Prerequisite: C. E. 121.

Professor DAVIS.

206. **Concrete Construction.** II. (3 Hrs.).
Prerequisite: C. E. 121.

Professor DAVIS and Professor CARPENTER.

207. **Foundations.** I. (3 Hrs.).
Prerequisites: M. 102 and 103.

300. **Thesis.** I, II.
Credit to be arranged. Special investigation of some approved problem.

Staff.

301. **Advanced Water Supply Engineering.** I, II.
Credit to be arranged. Advanced problems in water supply and treatment.

Professor CARPENTER.

302. **Sewerage and Sewage Disposal.** I, II.
Credit to be arranged. A continuation of C. E. 203 with special emphasis on trade waste and sewage treatment.

Professor CARPENTER.

303. **Advanced Design Problems.** I, II.
Credit to be arranged. Computation and drawings for some advanced structure in the structural, hydraulic or sanitary engineering field.

Professor DAVIS and Professor CARPENTER.

304. Advanced Water Power Engineering. I, II.
Credit to be arranged. A continuation of C. E. 200 with special emphasis on hydrology and the design of turbines.

Professor DAVIS.

305. Statically Indeterminate Structures. I, II.
Credit to be arranged.

Professor DAVIS.

ELECTRICAL ENGINEERING

Professor FORMAN, Professor HALL, and Mr. JONES.

1. Electrical Construction. I, II. (2 Hrs.).
Special construction work assigned to students according to previous experience. Assignments for reports will be made by the instructor to engineering literature and to electrical equipment outside the university laboratories.

Professor HALL and staff.

100.* Elements of Electrical Engineering with Laboratory. I. (4 Hrs.).
Primarily for third year students in electrical engineering. One laboratory period a week. Prerequisite: Physics 106.

Professor FORMAN and Mr. JONES.

101.* Applied Electricity. I, II. (4 Hrs.).
Primarily for third year students in civil engineering. One laboratory period a week. Prerequisite: Physics 106.

Mr. JONES.

102.* Elements of Electrical Engineering. I. (4 Hrs.).
For students in mechanical, mining, and chemical engineering. Accompanied by Electrical Laboratory.

Professor HALL and staff.

103.* Elements of Electrical Engineering. II. (4 Hrs.).
A continuation of E. E. 102.

Professor HALL and staff.

104. Illumination and Signalling. II. (2 Hrs.).
Prerequisite: Physics 106.

Professor FORMAN.

105. Thesis. I, II. (2 to 5 Hrs.).
Special investigation or original research on some topic relating to electrical engineering.

Professor FORMAN or Professor HALL.

200.* **Direct Current Machinery.** II. (4 Hrs.).
To follow E. E. 100. One laboratory period a week.
Professor HALL and staff.

201.* **Alternating Current Theory and Measurements.** II. (3 Hrs.).
One laboratory period bi-weekly. Prerequisite: E. E. 100.
Professor FORMAN and Mr. JONES.

202.* **Alternating Current Machinery.** I. (3 Hrs.).
Continuation of E. E. 201. Accompanied by E. E. 205.
Professor FORMAN.

203.* **Alternating Current Machinery.** II. (2 Hrs.).
Continuation of E. E. 202.
Professor FORMAN.

204. **Electrical Design and Calculations.** I. (3 Hrs.).
Prerequisite: E. E. 102 or E. E. 200. Nine hours a week in the designing room.
Professor HALL and Mr. JONES.

205.* **Electrical Engineering Laboratory.** I. (2 Hrs.).
To accompany E. E. 202.
Professor FORMAN and staff.

206.* **Advanced Electrical Laboratory.** II. (2 Hrs.).
Prerequisite: E. E. 202.
Professor FORMAN and Mr. JONES.

207. **Electric Generation and Distribution.** I. (3 Hrs.).
Prerequisite: E. E. 201.
Professor HALL.

208. **Electric Generation and Distribution.** II. (3 Hrs.).
Prerequisite: E. E. 207.
Professor HALL and Mr. JONES.

209. **Electric Traction.** II. (2 Hrs.).
Prerequisite: E. E. 202.
Professor HALL.

210. **Rate Making Contracts and Metering.** II. (2 Hrs.).
A study of factors involved in the metering, buying and selling of electrical energy.
Professor HALL.

211. **Electrical Research.** I, II.
Credit to be arranged.
Professor FORMAN.

212. **Transients, Surges, and Electric Waves.** II. (3 Hrs.).
Prerequisite: E. E. 202.

Professor FORMAN.

213. **Electric Power Transmission and Distribution.** II. (3 Hrs.).
Advanced theory and calculations of transmission lines and networks. Prerequisite: E. E. 207.

Professor HALL.

214. **Industrial Applications of Electricity.** II. (3 Hrs.).
Prerequisite: E. E. 103 or E. E. 202.

Professor HALL.

215. **High Tension Dielectric Phenomena.** II. (3 Hrs.).
Prerequisite: E. E. 201.

Professor FORMAN.

216. **Telephone Engineering.** II. (3 Hrs.).
One laboratory period a week. Prerequisite: E. E. 201.

Professor FORMAN.

300. **Thesis.** I, II.
Credit to be arranged. Advanced research or special investigation on some topic related to electrical engineering.

Professor FORMAN or Professor HALL.

INDUSTRIAL EDUCATION

Professor MACLIN.

100. **Organization and Administration.** I. (2 Hrs.).
The organization of vocational schools, classes and subject matter for the purpose of teaching.

Professor MACLIN.

101. **Methods of Teaching.** II. (2 Hrs.).
Some practice teaching. Prerequisite: I. E. 100.

Professor MACLIN.

102. **Methods of Foreman Training.** II. (2 Hrs.).
An analysis of the job of foreman, organization of foreman training classes in industrial plants, the foreman as a teacher.

Professor MACLIN.

103.* **Part-Time Education.** II. (2 or 3 Hrs.).

Professor MACLIN.

104. **Occupational and Case Analysis in Vocational Guidance.** II. (2 Hrs.).
Methods of making occupational analysis; the directing of students in securing vocational information; ways of giving guidance to pupils.

Professor MACLIN.

105.* **Vocational and Educational Guidance.** II. (2 Hrs.).

Professor MACLIN.

201.* **Vocational Education.** II. (2 Hrs.).
Graduate students will work out special problems under the direction of the instructor. This course is intended for superintendents, principals and vocational teachers, to acquaint them with influences which tend to broaden educational activities, with federal and state aid, with the types of work suitable for different communities and with the qualifications of teachers.

Professor MACLIN.

MECHANICAL ENGINEERING

DRAWING, MACHINE DESIGN, MACHINE CONSTRUCTION, AND INDUSTRIAL ENGINEERING

Professors HAYES and GILL, Assistant Professors GROW and WHITE, and Messrs. WEST, SEAMAN, CATHER, CARL, STILLMAN, and GNAGEY.

POWER ENGINEERING

Professor GRUMBEIN and Messrs. AMIDON and H. M. CATHER.

1.* **Pattern Making.** I, II. (1 Hr.).
Elementary principles of pattern making. Those who have not had practice in woodworking will be expected to take a short intensive course in joinery before taking up the pattern work. Two three-hour periods weekly, one-half semester only.

Mr. SEAMAN and Mr. STILLMAN.

2.* **Woodworking.** I. (2 Hrs.).
The care and use of edged tools in the making of simple articles of furniture involving common joints.

Mr. SEAMAN.

3.* **Woodworking.** I, II. (2 Hrs.).
The use of woodworking machinery in the construction of cabinet work. Prerequisite: M. E. 2.

Mr. SEAMAN and Mr. STILLMAN.

4.* **Pattern Making.** I, II. (2 Hrs.).
Prerequisite: M. E. 1 and M. E. 5. Two three-hour periods weekly.

Mr. SEAMAN and Mr. STILLMAN.

5.* **Foundry Work.** I, II. (2 Hrs.).
Two three-hour periods weekly.

Mr. SEAMAN and Mr. CARL.

7.* **Forging.** I, II. (1 Hr.).
Two three-hour periods weekly, one-half semester only.

Mr. WEST.

9.* **Shop Work.** I. (2 Hrs.).
For civil and mining engineering students only. Two three-hour periods weekly.

Professor GILL and staff.

10.* **Pipefitting.** I, II. (1 Hr.).
Required of all candidates for degrees in mechanical, mining, and chemical engineering. Two three-hour periods weekly, one-half semester only.

Mr. WEST.

11.* **Machine Work.** I, II. (2 Hrs.).
Hand work and elementary machine work. Lectures and shop practice. Two three-hour periods weekly.

Professor GILL and Mr. GNAGEY.

12.* **Machine Work.** I, II. (1 Hr.).
A continuation of M. E. 11, which is a prerequisite. Lectures and shop practice. Two three-hour periods weekly, one-half semester.

Professor GILL and Mr. GNAGEY.

13.* **Machine Work.** (3 Hrs.).
Hand work and elements of machine work. Lectures and shop work. Equivalent to M. E. 11 and M. E. 12. Summer term, four hours per day for six weeks.

Professor GILL and Mr. GNAGEY.

14.* **Machine Work.** I, II. (1 Hr.).
A continuation of M. E. 11 and M. E. 12 or M. E. 13, which is a prerequisite. Two three-hour periods weekly, one-half semester.

Professor GILL and Mr. GNAGEY.

20.* **Mechanical Drawing.** I, II. (2 Hrs.).
Two three-hour periods weekly.

Assistant Professor GROW and staff.

22.* **Mechanical Drawing.** I, II. (2 Hrs.).
Continuation of M. E. 20. Two three-hour periods weekly.
Assistant Professor GROW and staff.

23.* **Mechanical Drawing.** I. (2 Hrs.).
Continuation of M. E. 22. For mining engineering students. Two three-hour periods weekly.
Mr. CATHER.

24.* **Empirical Design.** I, II. (2 Hrs.).
Continuation of M. E. 22. Prerequisite: M. E. 11 or M. E. 13. Two three-hour periods weekly.
Assistant Professor GROW and staff.

26.* **Descriptive Geometry.** I, II. (3 Hrs.).
Prerequisite: M. E. 20 and Solid Geometry. Three periods weekly.
Professors MORRIS and HAYES and staff.

29.* **Mechanism.** I, II. (4 Hrs.).
Lectures, recitations and drawing problems. Prerequisites: M. E. 22 and M. E. 26. Two one-hour and two three-hour periods weekly.
Professor HAYES and staff.

101.* **Woodworking.** I, II. (2 Hrs.).
Continuation of M. E. 3.
Mr. SEAMAN and Mr. STILLMAN.

103.* **Foundry Work.**
Semester and credit to be arranged. Advanced work for special students. Continuation of M. E. 5.
Mr. SEAMAN and Mr. CARL.

104.* **Forging.**
Semester and credit to be arranged. Advanced work for special students. Continuation of M. E. 7.
Mr. WEST.

105.* **Machine Construction.** I, II. (2 Hrs.).
Continuation of M. E. 14. Two three-hour periods weekly.
Professor GILL and Mr. GNAGEY.

106.* **Shop Methods.** II. (2 or 3 Hrs.).
Continuation of M. E. 105. Shop laboratory work, lectures, inspection trips, special investigations. Two three-hour periods weekly.
Professor GILL.

107.* **Machine Construction.**
Semester and credit to be arranged. Advanced work for special students. Continuation of M. E. 105 and M. E. 106.
Professor GILL.

111. **Machine Design.** I, II. (2 Hrs.).
To accompany M. E. 112. Prerequisites: M. 102 and M. E. 29. Two periods weekly.
Professor HAYES.

112. **Machine Drawing.** I, II. (2 Hrs.).
To accompany M. E. 111. Two three-hour periods weekly.
Professor HAYES and staff.

120. **Heat Engineering.** I. (3 Hrs.).
Arranged especially for civil and mining engineering students. Prerequisite: Physics 105 and 107 and Math. 108.
Mr. AMIDON.

121. **Steam Boilers.** (2 or 3 Hrs.).
Semester to be arranged. Prerequisite: M. E. 111 and M. E. 221.
Professor GRUMBEIN.

122. **Mechanical Laboratory.** I. (2 Hrs.).
Prerequisites: Physics 106 and M. 101 and accompanying M. E. 120 or M. E. 221.
Professor GRUMBEIN and Mr. AMIDON.

123. **Engineering Laboratory.** I. (2 Hrs.).
Prerequisite: M. E. 122.
Professor GRUMBEIN and Mr. AMIDON.

124. **Thesis.** I, II. (2 to 4 Hrs.).
Investigation or original research on some special topic relating to Mechanical Engineering.
Professor GRUMBEIN or Professor HAYES.

201. **Advanced Machine Design.** I. (2 Hrs.).
Continuation of M. E. 111. To accompany M. E. 202. Lectures and recitations. Two periods weekly.
Professor HAYES.

202. **Designing and Drawing.** I. (2 Hrs.).
To accompany M. E. 201. Two three-hour periods weekly.
Professor HAYES and staff.

203. **Gas Engine Design.** II. (3 Hrs.).
Prerequisite: M. E. 111.
Professor HAYES.

205. **Industrial Engineering.** I. (3 Hrs.).
To be followed by M. E. 206. Three periods weekly.
Professor HAYES.

206. **Industrial Engineering.** II. (3 Hrs.).
Prerequisite: M. E. 205. Three periods weekly.
Professor HAYES.

207.* **Industrial Engineering.** II. (3 Hrs.).
Three periods weekly.
Professor HAYES.

221.* **Thermodynamics of Engineering.** I. (3 Hrs.).
Prerequisite: Physics 105 and 107 and Math. 108.
Professor GRUMBEIN.

222.* **Heat Engines.** II. (3 Hrs.).
Continuation of M. E. 221.
Professor GRUMBEIN.

223. **Steam Power Plants.** I. (3 Hrs.).
Prerequisite: M. E. 221.
Professor GRUMBEIN.

224. **Steam Turbines.** I. (3 Hrs.).
Prerequisite: M. E. 222.
Mr. AMIDON.

225. **Gas Engines and Gas Engineering.** II. (3 Hrs.).
Fuel gases, gas production and transmission, gas engines, etc.
Prerequisite: M. E. 222.
Professor GRUMBEIN.

226.* **Heating and Ventilating.** II. (2 or 3 Hrs.).
Prerequisite: M. E. 221 or M. E. 120.
Professor GRUMBEIN.

227. **Steam Power Plant Design.** II. (2 Hrs.).
Continuation in the drawing room of M. E. 223. Two three-hour periods weekly.
Mr. H. M. CATHER.

228. **Engineering Laboratory.** II. (2 Hrs.).
Continuation of M. E. 123. Prerequisite: M. E. 123.
Professor GRUMBEIN and Mr. AMIDON.

300. **Thesis.** I, II.
Credit to be arranged. Investigation or original research on some special topic relating to mechanical engineering.
Professor GRUMBEIN or Professor HAYES.

301. Engineering Laboratory. I, II.
Credit will be given on the basis of the time spent in the laboratory and the progress of the student. Commercial tests and research work.

Professor GRUMBEIN.

MECHANICS

Professor BOOMSLITER and Assistant Professor CATHER.

101.* Statics. I, II. (3 Hrs.).
Prerequisites: Math. 108 and Physics 105 and 107.
Professor BOOMSLITER and Assistant Professor CATHER.

102.* Mechanics of Materials. I, II. (4 Hrs.).
Prerequisite: M. 101.
Professor BOOMSLITER and Assistant Professor CATHER.

103. Materials Testing Laboratory. I, II. (2 Hrs.).
Prerequisite: Registration in M. 102.
Professor BOOMSLITER and Assistant Professor CATHER.

104.* Kinetics. I, II. (3 Hrs.).
Continuation of M. 101. Prerequisite: M. 101.
Professor BOOMSLITER and Assistant Professor CATHER.

200. Advanced Mechanics of Materials. I. (3 Hrs.).
Prerequisites: M. 101, 102, 103 and 104.
Professor BOOMSLITER.

201. Advanced Kinetics. II. (3 Hrs.).
Prerequisites: M. 101, 102 and 104.
Professor BOOMSLITER.

MINING ENGINEERING

Professor LAWALL and Assistant Professor STAAB.

101. Mine Surveying. II. (2 Hrs.).
Prerequisite: C. E. 3.
Assistant Professor STAAB.

102. Mine Surveying. (3 Hrs.).
This course is a continuation of and gives practice supplementing E. M. 101. It must be taken during the summer term immediately following the semester in which E. M. 101 is taken. Summer term; eighteen working days, 8:00-12:00 and 1:00-5:00.
Professor LAWALL and Assistant Professor STAAB.

103.* **Geological Surveying.** II. (2 Hrs.).
Prerequisites: E. M. 110 and Geology 17.
Assistant Professor STAAB.

106.* **Elementary Mineralogy.** I, II. (1 Hr.).
Prerequisite: Chemistry 4.
Assistant Professor STAAB.

107. **Mining Methods.** II. (4 Hrs.).
A study of the coal fields and mining methods of West Virginia and the United States, supplemented by field work in the vicinity of Morgantown. Inspection trips, with written reports, are required.
Prerequisite: E. M. 111.
Assistant Professor STAAB.

108. **Oil and Gas Production.** I. (2 Hrs.).
Prerequisite: Geology 211.
Assistant Professor STAAB.

111. **Mining.** I. (2 Hrs.).
Prerequisites: Chemistry 6 and Physics 106.
Assistant Professor STAAB.

112. **Coal Mining.** II. (4 Hrs.).
Prerequisite: E. M. 111.
Professor LAWALL.

113. **Mine Ventilation.** I. (3 Hrs.).
Prerequisites: E. M. 112 and 107.
Professor LAWALL.

114. **Mine Management.** II. (1 Hr.).
Prerequisite: E. M. 112.
Professor LAWALL.

115. **Mine Design.** I. (2 Hrs.).
Prerequisites: E. M. 112 and registration in C. E. 122.
Professor LAWALL and Assistant Professor STAAB.

116. **Mine Design.** II. (3 Hrs.).
Continuation of E. M. 115, which is a prerequisite.
Professor LAWALL and Assistant Professor STAAB.

117. **Coal Laboratory.** I. (1 Hr.).
Prerequisite: Chemistry 6.
Professor LAWALL.

118. **Mining Laboratory.** II. (3 Hrs.).
Prerequisites: E. M. 112 and E. M. 117.
Professor LAWALL.

120. Thesis. I, II. (2 to 4 Hrs.).
An individual problem on some phase of mining. None but exceptional students having high scholastic standing will be permitted to elect this course.

Professor LAWALL and Assistant Professor STAAB.

300. Thesis. I, II.
Credit to be arranged. An individual problem on some phase of mining.

Professor LAWALL and Assistant Professor STAAB.

301. Mining Investigations. I. (3 to 10 Hrs.).
Research work in mining problems and mining methods. Prerequisites: E. M. 104, 105 and 109.

Professor LAWALL.

302. Mining Investigations. II. (3 to 10 Hrs.).
A continuation of E. M. 301.

Professor LAWALL.

303. Coal Mining. (3 Hrs.).
This course is designed especially for students who are planning to teach mining subjects in high schools. Prerequisites: Chemistry 10 hours, physics 8 hours, and accompanied or preceded by general geology. This course will not be open to students taking E. M. 103, 104, or 105. Summer School—first term.

Professor LAWALL.

GENERAL

1. Engineering Lectures. I. (No credit).
Required of all freshmen in engineering. A series of lectures designed to acquaint the engineering student at the beginning of his course with the profession he has chosen. Factors determining choice of engineering as a profession; the various kinds of engineering and the ability, training, opportunities, and responsibilities involved in each; problems and difficulties of the engineering student; the engineering point of view as applied to the student's daily environment and college life.

Professor BOOMSLITER.

101. Engineering Society. I. (½ Hr.).
Primarily for third year students. Required of all candidates for degrees in engineering. Membership, attendance, and active participation in the Engineering Society.

Professor GRUMBEIN and Committee.

102. **Engineering Society.** II. (½ Hr.).
Continuation of G. 101. For third year students.
Professor GRUMBEIN and Committee.

103. **Engineering Society.** I. (½ Hr.).
For fourth year students. Required of all candidates for degrees in engineering. Continuation of G. 101 and 102.
Professor GRUMBEIN and Committee.

104. **Engineering Society.** II. (½ Hr.).
Continuation of G. 103. For fourth year students.
Professor GRUMBEIN and Committee.

105. **Summer Practice.** (2 Hrs.).
Required of all candidates for degrees in engineering. At least six weeks of practical experience in some branch of engineering activity, preferably of a character that will articulate with the student's major subjects. Students are recommended to spend all vacation periods in practical work but under exceptional circumstances the Faculty of the College of Engineering may permit the substitution of an approved practical course taken in residence. Application for summer credit should be made before beginning the work; and the work done should be certified and reported in accordance with the special rules for Summer Practice, on or before October 1, after the work has been done. Work may be done during any vacation period.

106. **Shopwork.** (3 Hrs.).
Summer shop practice out of residence required for the degree of B. S. in Industrial Education. This work is to be along the line of the major or minor group.

107. **Shopwork.** (2 Hrs.).
For students in Industrial Education. A continuation of G. 106.

110. **Business Law.** I, II. (3 Hrs.).
General principles of business law. The law of contracts. Standard contract forms. Prerequisites: Economics 103 or 11 and 12, and M. 102.
Professor BOOMSLITER.

SCHOOL OF MINES

C. E. LAWALL, Director

For courses offered in Mining Engineering see pages 183 to 185.

Short Course in Coal Mining

The Short Course in Coal Mining offered by the Department of Mining Engineering gives an opportunity to operators, officials and employees of mining companies to obtain instruction pertaining to their work. The subjects covered in the Short Course are: Explosives, Methods of Working, Timbering, Mine Gases, Mine Ventilation, Hoisting, Haulage, Mine Drainage, Safety Lamps, Mine Management, Electricity in Mines, Mine Fires and Explosions, Safety Organization and Administration, Mining Arithmetic, and Elementary Mechanical Drawing.

Special attention is given to students desirous of preparing themselves for the teaching of mining classes under the Smith-Hughes Act.

Through the cooperation of the West Virginia Department of Mines instruction is given in first aid and mine rescue work.

At the close of the Short Course the Department of Mines of West Virginia will hold an examination for mine foremen and fire bosses.

Tuition is free. It is believed that $60.00 should cover all necessary expenses for the six weeks, excluding traveling expenses.

The eighteenth annual session of the Short Course in Coal Mining will begin on Monday, June 9, and continue until Saturday, July 19, 1930. For further information write for the special announcement of the Short Course in Coal Mining.

Vocational Courses Offered in Summer School

The following courses will be offered during the summer session: Organization and Administration of Manual Training, Trade Analysis and Methods of Teaching Trade and Related Subjects, and Vocational Education. In the shops the following courses: Woodworking, Mechanical Drawing, Sheet Metal Work, Machine Shop Practice, Forging and Wood Finishing.

DEPARTMENT OF EXTENSION OF THE INDUSTRIAL SCIENCES

C. E. LAWALL, Director

The department of Extension of the Industrial Sciences conducts courses of instruction in practical subjects in various sections of the state where groups of individuals wish to study and receive training in subjects pertaining to their every-day work. The department also aims to disseminate useful knowledge which has been amassed by research studies at the University to all classes of citizens in the state, and in this way bring the University and its opportunities for learning to various groups of students who desire to enroll in its extension department.

VOCATIONAL COURSES OFFERED IN EXTENSION

Industrial Education

Courses in foreman training and other special courses for those in industry are offered in centers where there is sufficient interest. In cooperation with the University Extension Committee, Merchants' Short Courses are given for the merchants of the larger towns and surveys of industrial communities are made. The services of the department are available for any city or town desiring to establish night schools and part-time schools.

Coal Mining

Extension Courses in mining are offered under the direction of the University at various mining towns throughout the state. The instruction in these courses is carried on by a University extension instructor who visits each center every week. At the present time the work is planned on a two-year basis to cover the following unit courses: Mine Gases, Safety Lamps, Ventilation, Timbering, Explosives, Haulage, Drainage and Pumping, Mining Methods and Preparation of Coal. In each of these unit courses particular emphasis is placed on safety features, state mining laws and application of arithmetic.

An intensive course for the training of mine foreman in cooperation with the Federal Board for Vocational Education is also offered in certain sections of the state.

Water Purification Conferences

An annual conference on water purification is held each year in cooperation with the State Health Department. Each year a number of out of state engineers are invited to present papers at the conference. The State Health Department and College of Engineering cooperate in the program. The papers presented at the conference are printed in bulletin form and the work is followed up by personal visits in the field. The conference is usually held at Charleston or Morgantown.

Electric Meter Conferences

Conferences for men interested in the metering of electrical energy will be arranged to suit the convenience of those interested. Each group should consist of from eight to twelve men who have at least a working knowledge of elementary algebra and trigonometry. Conferences may be arranged for by writing to Professor A. A. Hall, and are usually expected to be for ten day periods devoted to current practices as well as to the basic theory of electrical meters, their connections and testing.

ENGINEERING EXPERIMENT STATION

CLEMENT ROSS JONES, M. M. E., Director; WILLARD WELLINGTON HODGE, M. A., Assistant Director.

On June 24, 1921, the Board of Education authorized the College of Engineering to organize and prepare for work along experimental lines leading to an Engineering Experiment Station, and named the Dean of the College of Engineering as director of said station when established.

The purpose of the Station shall be to conduct original researches, investigations, experiments and tests bearing upon the varied branches of engineering, industries, industrial occupations and natural resources of the state, including problems in agriculture common to both engineering and agriculture, and to make the results of such investigations available to the public by the publication of a series of bulletins. Incidentally, one of the important functions of the Station shall be to train men for research work and to encourage young men to pursue graduate studies. Particular attention will be given to the natural resources of the state, including coal, oil, gas, timber, clays, stone, sand, and gravel; investigations and experiments relating to the production, preparation, properties, manufacture, and transportation of materials, water power, water supply, sewerage, sanitation, road building, transportation, manufacturing wastes, power, lighting, heating, refrigerating, and ventilation.

The station will cooperate with the departments of physics, chemistry and geology and with the Agricultural Experiment Station, the State Road Commission, the State Geological Survey, the State Department of Mines, the Sanitary Department of the State Board of Health and any other agency in the state carrying on research work along engineering lines or which may be in need of assistance of research engineers or engineering advice in carrying on its investigations.

The Director and heads of the departments of the College of Engineering compose the executive staff and are responsible for the establishment of the general policies governing the work of the Station, including material for publication.

The research staff is composed of members of the regular staff of instruction carrying on approved research projects on a part time basis and research fellows who devote one-half time to Station projects and half time to graduate study.

The College of Agriculture

ORGANIZATION

All the agricultural and home economics work of the University is organized under the College of Agriculture. For the purposes of administration the College is divided into four branches, viz:

I. The Agricultural Experiment Station, organized for research and experimental work.

II. Resident instruction in agriculture.

III. Resident instruction in home economics.

IV. Extension work in agriculture, home economics, and boys' and girls' club work, given by the Division of Agricultural Extension to citizens of the state who are not in residence at the College.

The work of these divisions is closely interrelated. Although some members of the staff devote full time to college instruction, research, or extension work, many others divide their time among two or three of these divisions.

HISTORY

COLLEGE OF AGRICULTURE

The College of Agriculture was established on its present basis as a distinct College of the University in 1897. The Agricultural Experiment Station, founded in 1887, became a part of the College of Agriculture at the time the latter was instituted. Organization of the College was completed by the establishment of the Extension Division in 1912, and the transfer of the Department of Home Economics from the College of Arts and Sciences in 1914.

THE WEST VIRGINIA AGRICULTURAL EXPERIMENT STATION

The Experiment Station was established by the Board of Regents in 1887 by authority of an act of Congress known as the Hatch Act. Further support was given by acts of Congress known as the Adams Act, approved June 30, 1906, and the Purnell Act, approved February 24, 1925. From the appropriations made by Congress under the three acts the Station derives an annual income of $90,000. (During the fiscal year 1929-30 the Station received for the first time the maximum of $60,000 available under the Purnell Act.)

Section 2 of the Hatch Act fully states the objects and purpose of the Experiment Station as follows:

"That it shall be the object and duty of the [said] Experiment Station to conduct original researches or verify experiments on the physiology of plants and animals; the diseases to which they are severally subject with the remedies for the same; the chemical composition of useful plants at their different stages of growth; the comparative advantages of rotative cropping as pursued under varying series of crops;

the capacity of new plants or trees for acclimation; the analysis of soils and water; the chemical composition of manures, natural or artificial, with experiments designed to test their comparative effects on crops of different kinds; the adoption and value of grasses and forage plants; the composition and digestibility of the different kinds of foods for domestic animals; the scientific and economic questions involved in the production of butter and cheese; and such other researches and experiments bearing directly on the agricultural industry of the United States as may in each case be deemed advisable, having due regard to the varying conditions and needs of the respective states and territories."

Under the Purnell Act the work of the Experiment Station is enenlarged to include research in farm economics, rural sociology, and certain phases of home economics which relate to nutrition and the use of foods.

The work of the Experiment Station is also supported by State appropriations. During the present biennial period these appropriations amount to $93,500 a year.

At present, investigations are being conducted in the fields of animal husbandry, dairy husbandry, poultry husbandry, field crops, horticulture, entomology, plant pathology, agricultural chemistry, soils, farm economics, farm mechanics, home economics, and veterinary science, classified into seventy-seven research projects.

For the purpose of carrying out the work of the Experiment Station certain laboratory spaces in the College of Agriculture are set aside, and five farms in the neighborhood of Morgantown belonging to West Virginia University are used for field laboratories. Further investigations are carried on at Morgantown and at other points in the state in cooperation with the United States Department of Agriculture and with private individuals. For example, cattle-feeding investigations are carried on at Lewisburg under a joint agreement between the Experiment Station, the Bureau of Animal Industry of the United States Department of Agriculture, and the Tuckwiller brothers of that place. Sheepbreeding experiments are conducted at Hillsboro under a similar cooperation between the Experiment Station, the Bureau of Animal Industry, and H. W. Beard. Extensive field studies in orchard management are being conducted jointly in cooperation with the United States Department of Agriculture and the agricultural experiment stations of Virginia and Pennsylvania.

BRANCH AGRICULTURAL EXPERIMENT STATIONS

Branch experiment stations are maintained at Wardensville, Lakin, and Kearneysville. The Reymann Memorial Experimental Farms at Wardensville, a gift received in 1917 from the estate of Lawrence A.

Reymann, occupy 930 acres of farm land on the Cacapon River in Hardy County. A large herd of purebred Ayrshire cattle is maintained for experimental purposes. Under a cooperative agreement with the Bureau of Dairying, United States Department of Agriculture, studies are made of the comparative value of inbreeding and outbreeding. Only tested dairy sires are employed. Reymann Farms have achieved world-wide distinction under the management of the Experiment Station as the breeder of Cacapon Lass, high-producing purebred Ayrshire cow which merited the unusual honor of winning first place and grand championship in one year, third place in another year, and for three years the second place in her class at the National Dairy Exposition. The farms are recognized as among the best-equipped of their kind in the world. A modern dairy barn and a fully-equipped creamery, including a refrigeration plant, have been built in recent years.

The branch experiment station at Lakin, in the Ohio River Valley section, was established in 1921 on land leased from the State Board of Control. At this time 74 acres are devoted to experiments on crop rotation, to studies on the production of vegetables and small fruits, and to the breeding of tobacco for resistance to root-rot. The tobacco work is in cooperation with the Bureau of Plant Industry of the United States Department of Agriculture.

A tract of 160 acres near Kearneysville in the eastern fruit section has recently been acquired and will serve as a branch experiment station to be devoted especially to experiments relating to fruit production.

Bulletins and annual reports setting forth the results of experiments and investigations conducted at the Station are published for gratuitous distribution, and will be mailed to any citizen of the state who applies for them.

COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS

By act of the Legislature of 1913, amended in 1915, "in order to promote the improvement and advancement of agriculture, domestic science, and rural life among the people of the several counties of the State, there is hereby created and established in the College of Agriculture an Agricultural Extension Division to be coordinate with the resident instruction division and the Experiment station."

Through a series of memoranda of understanding with the United States Department of Agriculture, the State Department of Agriculture (in conformity with an act of the Legislature creating The State Bureau of Agriculture), county farm bureaus, and county courts, the Extension Division is the headquarters for the "cooperative extension work in agriculture and home economics, State of West Virginia." Federal Smith-Lever and Capper-Ketcham funds, appropriated "to aid in dif-

fusing useful and practical information on subjects relating to agriculture and home economics, and to encourage the application of the same," and congressional appropriations for farmers' cooperative demonstrations are joined with state and county appropriations in the financing of this cooperative service.

The Extension staff includes a director, two assistant directors, seven supervisors, twenty-one specialists, forty-five county agricultural agents, twenty-three county home demonstration agents, five full-time 4-H club agents, a changing number of part-time club agents, and two full-time negro agents. The Extension activities of each year are in conformity with annual state projects mutually agreed upon with the United States Department of Agriculture and county plans of work submitted by the county farm bureaus and approved by the director of Extension. Annual reports of the cooperative extension work are submitted to the Governor of West Virginia and to the Secretary of Agriculture of the United States.

In 1919 the Legislature established "a demonstration community packing house," located at Inwood, Berkeley County. Demonstrating and teaching the most approved methods of picking, sorting, and packing apples, peaches, and other fruit is done in carload quantities through an arrangement with a local cooperative association, the Inwood Fruit Growers' Club. The superintendent in charge of this plant acts as district supervisor of the Extension agents in the eastern counties, and as an Extension specialist in fruit marketing.

In 1921 the Legislature established at Jackson's Mill, Lewis County, "A 4-H Camp Institute and State Exhibit of Boys and Girls Club Work" for the purpose of teaching standards of excellence in agriculture and home economics. County courts were also authorized to appropriate funds toward county buildings at this State 4-H Camp. Eleven cottages erected by as many counties, together with dining hall, assembly hall, swimming pool, and other equipment provided through state appropriations, furnish facilities for a series of camps, conferences, and gatherings running throughout the year. An assistant director of Extension, resident at the camp, is in immediate charge.

In 1927 the Legislature established a "community egg-marketing, packing, grading, and poultry feeding and fattening demonstration," and in 1929 appropriated funds for a building at Parkersburg in which to conduct the demonstration. Eggs and poultry in commercial quantities are obtained by an arrangement with the West Virginia Poultry Producers' Cooperative Association, which operates collection trucks in six counties. The Extension poultry specialist, with headquarters in Parkersburg, is in immediate charge of this community marketing demonstration.

The headquarters of the Extension recreation specialist is at Oglebay Park near Wheeling. By arrangement with the Wheeling Park Board

the facilities of this park are used for a series of institutes, conferences, and gatherings for the purpose of developing adequate programs for improving the uses of leisure time by both rural and urban people, and of training leaders for such recreational activities as are to be included in these programs.

INSTRUCTION IN AGRICULTURE

AIM AND SCOPE

The curriculum in agriculture is designed to provide a broad and well grounded training in the general field of agriculture in order that the student may be prepared for occupations requiring such general knowledge, and may also have the necessary foundation for such specialization as he may elect to follow. The science courses which are fundamental to agriculture are offered in the first and second years. They are followed by and are prerequisite to courses in the general subject matter of the fields of agronomy, animal husbandry, poultry husbandry, entomology, horticulture, dairy husbandry, farm economics, genetics, and pathology.

The training is directed to fit the student for farm life or for the professional and business fields. Graduates may engage in the teaching of agriculture in high schools or colleges, in extension work as county agents or specialists, or in research work in experiment stations or in other organizations. They may obtain positions or engage in business related to farming such as dairy manufactures, seeds and nursery stock, feeds and fertilizers, or in the rapidly expanding field of marketing.

Although excessive specialization in undergraduate work is discouraged, the student will have opportunity in the senior year to elect additional courses in subjects which are of especial interest to him. Attention is directed to the program of electives which provides special training in agricultural business and marketing, and to the provisions under which students may qualify as teachers of vocational agriculture in high schools. It should be noted that the graduate of the College of Agriculture may readily qualify to teach science as well as agriculture in the high schools. Students desiring to qualify for teaching certificates or to obtain special training in business and marketing may, with the consent of the adviser, defer to the senior year certain of the required courses of the junior year. Suggested programs in these fields are shown in the section which follows the outline of the general curriculum.

Graduate work leading to the Master of Science degree is offered in all branches of agriculture. The student who plans to specialize in one or more of these branches is directed to the courses as outlined in the section of this catalogue on Gradute Courses and Degrees.

In planning his work he should consult with the heads of departments in which he proposes to study. Advancement in any of the professional fields is dependent on graduate study and the student desiring to pursue such work should plan to continue in graduate study immediately on the completion of the undergraduate curriculum if possible. A limited number of graduate assistantships which permit half-time devotion to study are available in the College of Agriculture.

BUILDINGS AND EQUIPMENT

The administration offices and many of the laboratory and class rooms of the College of Agriculture are in Oglebay Hall. This building, which is 188 feet long and four stories high, contains on the basement floor the creamery and dairy laboratories, four-chambered cold storage plant and ice machine, the Station mailing room and laboratories for horticulture and animal husbandry. The first floor is devoted to the offices of administration of the College and Experiment Station; the departments of agronomy, animal husbandry, horticulture, and home economics; and to agronomy, horticulture, and home economics laboratories. The second floor houses the Extension Division and provides six recitation rooms and three home economics laboratories as well as the department of agricultural education. On the upper floor are the departments of plant pathology, entomology, farm economics, and veterinary science and the state seed laboratory.

The old Experiment Station building houses on the first floor the office and laboratories of the agricultural chemistry department, the offices of certain extension specialists, and the office of The West Virginia Agriculturist. The second floor is occupied by the soils laboratory, the poultry department, and home economics research laboratories.

The College of Agriculture has 700 acres of land lying at a short distance from the University buildings. This land is definitely organized into a series of five farms operated respectively by the animal husbandry, dairy husbandry, poultry husbandry, agronomy, and horticulture departments. Each of the farms is well equipped with modern farm buildings and with such special buildings as are needed for experimental, laboratory, and classroom work.

A new dairy barn of imposing type and modern construction is situated on the dairy farm. This is one of the best dairy barns in the state, and has all modern conveniences and equipment for class use.

A spacious sheep barn, built for convenience in laboratory teaching, was erected in the fall of 1929 as the fourth unit in the group of buildings on the animal husbandry farm.

The greenhouse establishment has been greatly enlarged and modernized in all respects.

With its farm land, buildings, and equipment, the College of Agriculture is enabled to offer thorough and complete training in all of the branches of agriculture which are applicable to West Virginia conditions, and to provide adequate training in home economics.

As part of the work in several of the courses offered in the College of Agriculture, visits are made to large farms, specialized farms or farming regions, and city markets. Students are expected to pay their own expenses, which are kept at a moderate figure.

STUDENT ACTIVITIES

The climax of the judging courses offered in the College of Agriculture is reached in membership on the judging teams which compete at regional, national, and international contests. Every student entering such courses has the opportunity and privilege of competing for a place upon these teams. The following teams represent the College: Livestock and meat, dairy cattle and dairy products, poultry, and fruit judging.

Besides the several organizations upon the campus of the University to which students in the College of Agriculture are eligible there are several organizations in the College of Agriculture open only to agricultural and home economics students. The organizations include two honor societies—Alpha Zeta for agricultural students and Phi Upsilor Omicron for home economics students, the Block and Bridle Club, the Anthony Dairy Club.

ENTRANCE REQUIREMENTS

For admission to the College of Agriculture the student must have credit for fifteen units of secondary school work. For a complete statement of entrance requirements, see pages 39 to 41.

REQUIREMENTS FOR DEGREES

THE BACCALAUREATE DEGREE

CREDITS REQUIRED

The degree of Bachelor of Science in Agriculture may be conferred upon any student who satisfies the entrance requirements and offers one hundred and forty-four semester hours' credit for college courses, including all requirements set forth below.

No student is permitted to register for less than fifteen hours or more than twenty hours of work in any one semester without special permission.

CLASSIFICATION OF STUDENTS

To be classified as a conditional freshman in the College of Agriculture a student must have credit for at least fifteen units of entrance requirements; to be classified as a regular freshman he must have fulfilled all entrance requirements. To be classified as a sophomore, he must have credit for twenty-six hours of college work; as a junior, sixty-four hours; and as a senior, one hundred hours.

SUMMER COURSES

Students may complete the prescribed curriculum for the degree of Bachelor of Science in Agriculture by taking full work for two summer sessions (twelve hours each) and three academic years, but only students of exceptional ability or mature age should undertake such a curriculum, which should be arranged on consultation with the class adviser.

ADMISSION WITH ADVANCED STANDING

Students from other institutions will be given credit for work already done in accordance with the general rules for advanced standing (see page 42).

The attention of prospective students who may desire to take the first two years of their work in some other institution is called to the fact that they may do this without loss of credit or serious disarrangement of their work in agriculture by taking the following subjects before coming to the College of Agriculture:

> English, one year; botany, one year; zoology, one year; inorganic chemistry, one year; organic chemistry, one-half year; economics, one year; physics, one year; and geology, one-half year.

Other work taken in addition to the above courses during the two-year period may be credited as electives toward the degree in agriculture.

REQUIRED AND ELECTIVE SUBJECTS

Of the one hundred and forty-four hours required for the degree, one hundred twelve are prescribed, as indicated in the following curriculum. Students who are not required to take military science must substitute elective credits. The remaining thirty-two hours' credit must be elected from such courses as may be approved by the class adviser.

CLASS ADVISER

The dean of the College of Agriculture will act as class adviser for all agricultural students and will assign students to other advisers whom he may designate.

UNDERGRADUATE CURRICULUM

All of the courses provided for freshmen and sophomores, and most of those for juniors, are definitely required as set forth in the following curriculum. These requirements will be modified only under very unusual circumstances. Any modification must have the sanction of the Scholarship Committee of the College of Agriculture.

CURRICULUM IN AGRICULTURE

Freshman Year—First Semester

Course	Lectures	Lab. Periods	Hours Credit
Introduction to Agriculture (Agriculture 1)	2		1
General Botany (Botany 1)	2	2	4
Inorganic Chemistry (Chemistry 3)	3	2	4
Composition and Rhetoric (English 1)	3		3
Invertebrate Zoology (Zoology 1)	2	2	4
Military Science			1
Physical Training			1
	12	6	18

Freshman Year—Second Semester

Introduction to Agriculture (Agriculture 1)	2		1
General Botany (Botany 2)	2	2	4
Inorganic Chemistry (Chemistry 4)	3	2	4
Composition and Rhetoric (English 2)	3		3
Vertebrate Zoology (Zoology 2)	2	2	4
Military Science			1
Physical Training			1
	12	6	18

Sophomore Year—First Semester

Farm Crops (Agronomy 1)	3	2	5
Organic Chemistry (Chemistry 31)[2]	3	1	4
Principles of Economics (Economics 11)	3		3
Minerals and Rocks (Geology 2)	3		3
Mathematics for Agricultural Students (Mathematics 11)	3		3
Military Science			1
	15	3	19

Sophomore Year—Second Semester[1]

Animal Nutrition (Animal Husbandry 1)	3		3
Bacteriology (Botany 41)	2	1	3
Principles of Economics (Economics 12)	3		3
Entomology (Entomology 2)	3	1	4
Poultry Husbandry (Poultry 1)	3	1	4
Military Science			1
	14	3	18

Junior Year—First Semester

Livestock Production and Management (Animal Husbandry 102)	3	2	5
Principles of Dairying (Dairy Husbandry 101)	3	2	5
Principles of Fruit Growing (Horticulture 101)	3	1	4
Introductory Physics and Laboratory (Physics 1 and 3)	3	1	4
	12	6	18

Junior Year—Second Semester

Farm Economics (Farm Economics 112)	4		4
Vegetable Gardening (Horticulture 130)	3	1	4
Introductory Physics and Laboratory (Physics 2 and 4)	3	1	4
Electives[3]			6
	10	2	18

Senior Year—First Semester

Soils (Agronomy 102)	2	1	3
Genetics (Genetics 221)	2	1	3
Economic Plant Pathology (Plant Pathology 103)	1	2	3
Or Animal Pathology (Veterinary Science 102)	3		3
Electives[3]			9
			18

Senior Year—Second Semester

Electives	17

[1]In addition to the courses listed above, two hours' credit in Farm Practice (Agriculture 5) must be earned before the senior year, preferably in the summer between sophomore and junior years, when required.

[2]Chemistry 233 may be substituted.

[3]Electives may be chosen without restriction as to college or department, with the approval of the class adviser. Special provision is made for students in agriculture who, as juniors or seniors, may desire to elect certain junior college subjects, such as languages.

SPECIAL PREPARATION FOR AGRICULTURAL BUSINESS AND MARKETING

The student who is particularly interested in farm economics will have opportunity to give special attention to the subjects of importance in the development of the business phases of production and marketing of agricultural products. With the rapid development of commercial agriculture and the broadened outlook of the industry, students who have taken this work should find themselves especially fitted for a business career based upon a fundamental training in the science and art of agriculture.

Suggested electives for such students should be chosen largely from the following courses after consultation with the professor of farm economics and the student adviser:

	Hours
Money, Credit, and Banking (Economics 111)	3
Public Finance (Economics 112)	4
Statistics (Economics 131)	3
Business Statistics (Business 117)	3
Tax Systems, National and State (Economics 263)	3
Principles of Accounting (Business Administration 101)	3
Principles of Accounting (Business Administration 102)	3
Advanced Principles of Accounting (Business Administration 105)	3
Auditing (Business Administration 107)	3
Business Law (Business Administration 141)	3
Farm Records and Accounts (Farm Economics 107)	2
Marketing Agricultural Products (Farm Economics 132)	3
Cooperative Marketing of Agricultural Products (Farm Economics 234)	3
Agricultural Statistics (Farm Economics 218)	2

SPECIAL PREPARATION FOR TEACHING VOCATIONAL AGRICULTURE

The State Board of Education has set up definite requirements applicable to all college graduates desiring to teach in West Virginia high schools. These requirements specify the kind and number of various science and agricultural courses as well as courses in professional education subjects which will qualify graduates for certification. Students who consider teaching as a vocation will find it necessary to attend additional sessions beyond the regular four years unless their elective courses are chosen to fill these requirements. For this reason they are urged to confer with the department of agricultural education as soon as they are ready to choose any elective courses.

In addition to the curriculum specified for the B. S. degree in agriculture, the following courses are required by the State Board of Education to meet the standards applicable to all teachers.

	Hours
English, public speaking, or journalism	6

The following courses in education are required for certification and approval to teach vocational agriculture:

	Hours
Elements of Educational Psychology (Education 106)	3
High School Organization and Procedures (Education 109)	3
Educational Tests and Measures (Education 112)	2
	8
Materials and Methods of Teaching Vocational Agriculture (Agricultural Education 116)	3
Principles of Vocational Teaching (Agricultural Education 220)	3
Directed Teaching (Agricultural Education 224)	3 – 5
Problems of Rural Education (Agricultural Education 101) or Directed Practice in Summer Work (Agricultural Education 225) or Rural Organization (Agricultural Education 233)	2 – 3
	12 –14

The following courses in agriculture are also necessary to satisfy certificate requirements for teaching vocational agriculture:

	Hours
Farm Shopwork (Farm Mechanics 152)	2
Farm Mechanics (Farm Mechanics 153)	3
Farm Records and Accounts (Farm Economics 107)	2
Marketing Agricultural Products (Farm Economics 132)	3
	10

A complete statement of the requirements for certification to teach subjects related to agriculture will be found in the announcements of the College of Education.

REQUIREMENTS FOR CANDIDATES FOR B. S. AGRICULTURE DEGREE WHO ALREADY HOLD THE DEGREE A. B. OR B. S.

Students who have received the degree of Bachelor of Arts or Bachelor of Science from West Virginia University or any institution of similar standing may receive a degree of Bachelor of Science in Agriculture upon the following conditions:

(1) The completion of courses in the following lists or equivalent courses approved by the Committee on Students' Courses and Hours:

Physics 1, 2, 3, and 4.
Mathematics 11.
Chemistry 3, 4, and 31 or 233.
Botany 1, 2, and 41.
Zoology 1 and 2.
Geology 2.

(2) Completion of forty-seven hours of required courses in agriculture as listed in the curriculum, or their equivalent.

THE GRADUATE DEGREE

The College of Agriculture confers the advanced degree of Master of Science in Agriculture. For the conditions under which this is granted, see the section on announcements of Graduate Courses and Degrees.

Students who desire the advantage of the broader training obtained by taking first a degree in the College of Arts and Sciences, and who then expect to take the degree of Bachelor of Science in Agriculture, may so arrange their curriculum as to enable them to take a sufficient number of the elective courses mentioned above to obtain the degree in agriculture in one year, or in one year and a summer school session, after receiving the first degree.

COURSES OF INSTRUCTION

Only the technical courses offered primarily for the students in agriculture are described here. For detailed description of the other courses listed as required or elective in the agricultural curriculum, see the announcement of courses in the College of Arts and Sciences or in other colleges.

Admission to any advanced elective course is conditional upon the consent of the instructor.

Courses bearing numbers from 1 to 99 are for freshmen and sophomores: those bearing numbers from 100 to 199 are for juniors and seniors; those bearing numbers from 200 to 299 are open to both graduates and seniors; courses numbered above 300 are for graduates only.

Course descriptions in a college catalogue convey little more definite information as to the content of the course than might be inferred from the title. For this reason much descriptive matter has been omitted from the announcements of courses. Detailed information as to the extent and subject matter of any course will, however, be furnished on request addressed to the dean of the college.

The designation "180. Advanced Work" is employed in each department to indicate work in special problems. The course is open only to seniors. Similarly, the designation "380. Graduate Work" in each department indicates research or investigational work open only to graduate students.

The following abbreviations are used in the announcements of courses:

I—a course given during the first semester.
II—a course given during the second semester.
I, II—a semester course given each semester.
Yr.—a continuous course extending through two semesters.
Hrs.—number of credit hours per semester.

AGRICULTURE

Dean FROMME and Agricultural College Staff.

1. **Introduction to Agriculture.** Yr. (1 Hr. per semester).
A survey of the history and practice of the general field of agriculture with special reference to opportunities and problems in West Virginia. Two lectures.

Agricultural College staff.

5. **Farm Practice.** (2 Hrs.).
A minimum of twelve weeks' work on an approved farm will be required of each candidate for the degree of Bachelor of Science in Agriculture who has not had the equivalent of at least one year's farm experience after reaching the age of fourteen years. This work must be done under the direction of the Dean and the Committee on Farm Operations.

AGRICULTURAL CHEMISTRY

Professor DUSTMAN.

Note: Chemistry courses for agricultural and home economics students of undergraduate rank are offered in the College of Arts and Sciences; also graduate courses and minors.
(See Chemistry).

380, 381, 382, 383. **Graduate Work.** 2 Years. (1 to 5 Hrs. per semester).

Professor DUSTMAN.

AGRICULTURAL EDUCATION

Associate Professor ALLEN, Assistant Professors OLNEY and PARSONS, and Mr. CLINE.

Some of the courses announced in this department are also listed and accepted as Agricultural Education in the College of Education. These may be found under corresponding numbers in the announcements of the College of Education.

Note: Courses 116, 220, 224, and 101 or 233 are required of all candidates for positions teaching vocational agriculture in West Virginia high schools.

Note: Courses 220, 224, 233, 138, and 180 may be taken in extension.

101. Problems of Rural Education. II. (2 Hrs.).
An introductory course to assist students in choosing a vocation in the various fields of rural educational service. Two lectures.
Associate Professor ALLEN.

116. Materials and Methods of Teaching Vocational Agriculture. I, II. (3 Hrs.).
First semester; for seniors. Two lectures and one laboratory.
Second semester; for juniors. Two lectures and one laboratory.
Assistant Professor PARSONS.

117. Surveys of Occupations. I. (2 Hrs.).
Material and method of occupational analysis to train teachers in vocational guidance. (Offered in alternate years; available 1930-31.) Two lectures.
Assistant Professor PARSONS.

119. Materials and Methods of Visual Instruction. I. (2 Hrs.).
Practice in the preparation and use of illustrative materials and devices employed in teaching vocational agriculture. (Offered in alternate years; available 1930-31.) Two laboratories.
Associate Professor ALLEN.

134. Methods of Agricultural Extension. II. (2 Hrs.).
A study of the activities of the county extension agents and the agricultural extension program of West Virginia. Two lectures.
Assistant Professor PARSONS.

138. Directed Practice in Agricultural Extension. II and Summer School. (2 to 4 Hrs.).
Participation as a responsible assistant under guidance in the work of the county agricultural or home demonstration agent.
Associate Professor ALLEN and staff.

180, 181. Advanced Work. Yr. (1 to 3 Hrs. per semester).
Associate Professor ALLEN and staff.

220. **Principles of Vocational Teaching.** II. (3 Hrs.).
The development of principles underlying instruction in agricultural occupations. Three lectures.

Associate Professor ALLEN.

222. **Materials and Methods of Teaching Elementary Science.** I. (2 Hrs.).
Selection and evaluation of materials to be included in elementary science, together with suggestions for their effective presentation. Two lectures.

Associate Professor ALLEN.

224. **Directed Teaching.** I, II. (3 to 5 Hrs.).
Participation under guidance in representative activities of the teacher of vocational agriculture. Two lectures and one laboratory.

Assistant Professor PARSONS.

233. **Rural Organization.** I. (3 Hrs.).
The educative function of vocational teachers and leaders in rural community organization; directed observation and participation in programs, requiring several afternoon and out-of-town trips. Two lectures and a third period to be arranged.

Associate Professor ALLEN.

248. **Graphic Methods in Teaching.** I. (2 Hrs.).
Practice in the use of graphic devices for presenting facts; interpreting and analyzing data; and studying achievement. (Offered in alternate years; available 1931-32.) Two lectures.

Associate Professor ALLEN.

257. **Vocational Education in Secondary Schools.** I. (2 Hrs.).
The administration of vocational education as the problem of superintendents and principals. Two lectures.

Assistant Professor PARSONS.

380, 381, 382, 383. **Graduate Work.** 2 Yrs. (1 to 5 Hrs. per semester).
Prerequisite: Courses 220, 233, and 116 or 134.

Associate Professor ALLEN and staff.

AGRICULTURAL JOURNALISM

Mr. JENNY.

105. **Agricultural Journalism.** I, II. (2 Hrs. per semester).
A practice course for juniors and seniors in connection with the publication of *The West Virginia Agriculturist.* Prerequisite: Consent of instructor. One class meeting and practice work as assigned.

Mr. JENNY.

AGRONOMY AND GENETICS

Professor GARBER, Associate Professors DEATRICK and PIERRE, and Assistant Professor HOOVER.

Agronomy

1. **Farm Crops.** I. (5 Hrs.).
A study of cereal, forage, and pasture crops. Three lectures and two laboratories.
Assistant Professor HOOVER.

102. **Soils.** I. (3 Hrs.).
A study of the properties of soils. Two lectures and one laboratory.
Associate Professor PIERRE.

104. **Soil Fertility.** II. (2 Hrs.).
Principles of soil fertility and management. Two lectures. Prerequisite: Agronomy 102.
Associate Professor PIERRE.

113. **Judging and Grading.** I. (2 Hrs.).
Practice in judging and grading cereals and hay. Prerequisite: Agronomy 1.
Assistant Professor HOOVER.

180, 181. **Advanced Work.** Yr. (1 to 3 Hrs. per semester).
Professor GARBER and staff.

380, 381, 382, 383. **Graduate Work.** 2 Yrs. (1 to 5 Hrs. per semester).
Professor GARBER and staff.

Genetics

111. **Elementary Genetics.** I, II. (2 Hrs.).
Assistant Professor HOOVER.

221. **Genetics.** I. (3 Hrs.).
Fundamental principles of inheritance. Two lectures and one laboratory.
Professor GARBER and Assistant Professor HOOVER.

222. **Advanced Genetics.** II. (3 Hrs.).
Continuation of Genetics 221. Prerequisite: Genetics 221. Two lectures and one laboratory.
Professor GARBER and Assistant Professor HOOVER.

232. **Elementary Biometry.** II. (3 Hrs.).
Statistical analysis of biological data. Offered in alternate years; available 1930-31. Prerequisite: Consent of instructor. Three lectures.
Professor GARBER.

280, 281. **Advanced Work.** Yr. (1 to 3 Hrs. per semester).
Professor GARBER and staff.

ANIMAL HUSBANDRY

Professor LIVESAY, Associate Professor RIETZ, Assistant Professors WILSON and LONGWELL, and Mr. WILLIAMS.

1. **Animal Nutrition.** II. (3 Hrs.).
A study of digestion and metabolism of food nutrients, nutrient requirements of farm animals, and nutritive values of feeds and rations.* Three lectures.
Assistant Professor LONGWELL.

102. **Livestock Production and Management.** I. (5 Hrs.).
A study of market types, breeds, production, and management of beef cattle, hogs, and horses.* Three lectures and two laboratories. Prerequisite: Course 1.
Professor LIVESAY and Assistant Professor LONGWELL.

137. **Summer Practice.** (2 Hrs.).
To be arranged in consultation with head of department.
Assistant Professor WILSON.

138. **Livestock Grading and Selection.** II. (2 Hrs.).
Two laboratories.
Professor LIVESAY and staff.

161. **Mutton and Wool Production.** II. (3 Hrs.).
Two lectures and one laboratory.
Assistant Professor WILSON.

167. **Meats.** I. (3 Hrs.).
Farm butchering, curing, and care of meats. Visit to one of the large packing houses of Pittsburgh required of all students taking this course. Two lectures and two laboratories combined.
Assistant Professor LONGWELL.

169. **Meat Judging.** I. (1 Hr.).
Assistant Professor LONGWELL.

180, 181. **Advanced Work.** Yr. (1 to 3 Hrs. per semester).
Professor LIVESAY and staff.

203. **Advanced Animal Nutrition.** II. (3 Hrs.).
A detailed study of digestion and metabolism of food nutrients. Three lectures.
Assistant Professor LONGWELL.

222. **Breeding Farm Animals.** II. (3 Hrs.).
Three lectures.
Professor LIVESAY.

235. **Animal Husbandry Seminar.** Yr. (1 Hr. per semester).
Professor LIVESAY and staff.

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*Courses 1 and 102 are prerequisite to all courses in the department, including Veterinary Science courses.

243. **Advanced Livestock Judging.** I. (2 Hrs.).
Students taking this course will be required to participate in a tour of inspection of representative flocks, herds, and studs. Two laboratories.

Professor LIVESAY and staff.

380, 381, 382, 383. **Graduate Work.** 2 Yrs. (1 to 5 Hrs. per semester).

Professor LIVESAY and staff.

Veterinary Science

102. **Animal Pathology.** I. (3 Hrs.).
Three lectures.

Associate Professor RIETZ.

106. **Parasites of Farm Animals and Poultry Diseases.** II. (3 Hrs.).
Three lectures. Offered in alternate years; available 1930-31.

Associate Professor RIETZ.

DAIRY HUSBANDRY

Professors HENDERSON and DUSTMAN, Assistant Professors THURSTON and MORROW, and Mr. OLSON.

101. **Principles of Dairying.** I. (5 Hrs.).
This course is prerequisite to all other courses in the department. Three lectures and two laboratories.

Assistant Professors MORROW and THURSTON.

102. **Dairy Manufactures.** II. (4 Hrs.).
A study of the manufacture of ice cream, condensed milk, and milk powder. Offered in alternate years; available 1930-31. Three lectures and one laboratory.

Assistant Professor THURSTON.

103. **Dairy Manufactures.** II. (4 Hrs.).
A study of market milk and the manufacture of butter and cheese. Offered in alternate years; available 1931-32. Three lectures and one laboratory.

Assistant Professor THURSTON.

123. **Dairy Judging.** II. (2 Hrs.).
Two laboratories.

Assistant Professors MORROW and THURSTON.

135. **Summer Practice.** (2 Hrs.).
Course to be arranged in consultation with head of department.

Professor HENDERSON.

180, 181. **Advanced Work.** Yr. (1 to 3 Hrs. per semester).
Professor HENDERSON and staff.

204. **Dairy Technology.** II. (3 Hrs.).
Chemical and bacteriological methods used in the technical control of milk and milk products. One lecture and two laboratories.
Assistant Professor THURSTON.

218. **Dairy Chemistry.** I. (3 Hrs.).
Prerequisite for graduate students: Three hours of Chemistry 106 or its equivalent, and Chemistry 31 or 233. One lecture and two laboratories. Offered in alternate years; available 1930-31.
Professor DUSTMAN.

221. **Purebred Dairy Cattle.** I. (3 Hrs.).
Offered in alternate years; available 1931-32. Two lectures and one laboratory.
Assistant Professor MORROW.

222. **Milk Production.** II. (4 Hrs.).
Three lectures and one laboratory.
Professor HENDERSON.

380, 381, 382, 383. **Graduate Work.** 2 Yrs. (1 to 5 Hrs. per semes-
Special assigned dairy problems.
Professor HENDERSON and staff.

ENTOMOLOGY

Professor PEAIRS and Mr. SHARPE.

2. **Entomology.** II. (4 Hrs.).
Prerequisite to all other courses offered in the department. Prerequisite: Invertebrate zoology. Biological, morphological, taxonomic, and economic phases of the study of insects. Three lectures and one laboratory.
Professor PEAIRS and staff.

103. **Economic Entomology.** I. (3 Hrs.).
Standard practices in insect control; methods for the study of injurious insects. Professional requirements in entomology. Three lectures.
Professor PEAIRS.

104. Systematic Entomology. II. (3 Hrs.).
Taxonomy of genera and species of West Virginia insects. Classification of restricted groups for qualified students. Three laboratories.

Professor PEAIRS and staff.

111. Summer Field Work. (2 Hrs.).
Systematic collecting and field studies of insects, to be followed for credit by Course 104. Students taking this course will be required to provide their own equipment for collecting and mounting insects. Prerequisite: consent of instructor.

Professor PEAIRS.

180, 181. Advanced Work. Yr. (1 to 3 Hrs. per semester).
Work adapted to the individual needs of students who desire special training in the field of entomology.

Professor PEAIRS.

380, 381, 382, 383. Graduate Work. 2 Yrs. (1 to 5 Hrs. per semester).

Professor PEAIRS.

FARM ECONOMICS

Professor DADISMAN, Assistant Professors ARMENTROUT and CORNELL.

107. Farm Records and Accounts. I. (2 Hrs.).
One lecture and laboratory combined.

Professor DADISMAN.

112. Farm Economics. II. (4 Hrs.).
Principles of economics as applied to agriculture; farm organization and management. Four lectures.

Professor DADISMAN.

132. Marketing Agricultural Products. II. (3 Hrs.).
A study of principles and practices of marketing agricultural products. One day will be spent in Pittsburgh studying fruit, vegetable, and livestock markets. Three lectures.

Assistant Professor ARMENTROUT.

180, 181. Advanced Work. Yr. (1 to 3 Hrs. per semester).

Professor DADISMAN and staff.

216. Agricultural Land Problems. II. (2 Hrs.).
A study of land systems and policies of the leading agricultural countries. Two lectures.

Professor DADISMAN.

218. **Agricultural Statistics.** II. (2 Hrs.).
Statistical analysis and presentation of agricultural data. One lecture and one laboratory.
Professor DADISMAN and Assistant Professor CORNELL.

234. **Cooperative Marketing of Agricultural Products.** II. (3 Hrs.).
Organization, management, and financing of farmers' cooperative organizations. Three lectures.
Assistant Professor ARMENTROUT.

380, 381, 382, 383. **Graduate Work.** 2 Yrs. (1 to 5 Hrs. per semester).
Professor DADISMAN and staff.

FARM MECHANICS

152. **Farm Shop Work.** II. (2 Hrs.).
Practical instruction in woodworking, cold metal, concrete, soldering, etc., as applied to construction and repair work on the farm. One lecture and laboratory combined.
Assistant Professor CORNELL.

153. **Farm Mechanics.** I. (3 Hrs.).
Principles underlying farm mechanics, with special reference to farm machinery and farm power. Two lectures and one laboratory.
Assistant Professor CORNELL.

159. **Farm Buildings and Sanitation.** I. (3 Hrs.).
Design and construction of farm buildings, together with problems involving sanitation. Two lectures and one laboratory.
Assistant Professor CORNELL.

HORTICULTURE

Professor KNOWLTON, Assistant Professor WESTOVER, Mr. HOFFMAN, Mr. MCCUBBIN, and Mr. DYE.

101. **Principles of Fruit Growing.** I. (4 Hrs.).
This course is prerequisite to all pomology courses. Three lectures and one laboratory.
Professor KNOWLTON and staff.

115. **Fruit Judging.** I. (1 Hr.).
One laboratory period.
Mr. HOFFMAN.

130. **Vegetable Gardening.** II. (4 Hrs.).
This course is prerequisite to all courses in olericulture. Three lectures and one laboratory.
Assistant Professor WESTOVER and staff.

140. **Landscape Gardening.** II. (2 Hrs.).
Planning and decoration of home grounds. Prerequisite: Consent of instructor.
Mr. DYE.

180, 181. **Advanced Work.** Yr. (1 to 3 Hrs. per semester).
Professor KNOWLTON and staff.

212. **Commercial Fruit Production.** II. (3 Hrs.).
Two lectures and one laboratory.
Professor KNOWLTON and staff.

213. **Packing, Marketing, and Storage of Fruits.** I. (3 Hrs.).
Prerequisite: Horticulture 212. Two lectures and one laboratory.

232. **Commercial Vegetable Gardening.** II. (3 Hrs.).
Two lectures and one laboratory.
Assistant Professor WESTOVER and staff.

233. **Systematic Olericulture.** I. (3 Hrs.).
A study of the classification of vegetables. Two lectures and one laboratory.
Assistant Professor WESTOVER and staff.

380, 381, 382, 383. **Graduate Work.** 2 Yrs. (1 to 5 Hrs. per semester).
Professor KNOWLTON and staff.

PLANT PATHOLOGY*

Professor ORTON, Associate Professor LEONIAN.

103. **Economic Plant Pathology.** I. (3 Hrs.).
The important diseases of field, garden, and orchard crops; methods of control. One lecture and two laboratories.
Professor ORTON.

107. **Market Pathology.** II. (2 Hrs.).
A study of the losses occurring during the storage and marketing of perishable produce. Offered in 1931-32 and in alternate years. Two laboratories.
Professor ORTON.

*Botany 1, 2, and 41 are prerequisite to all courses in the department.

202. **General Plant Pathology.** II. (5 Hrs.).
A fundamental course on the nature of disease in plants, with practice in laboratory methods. Two lectures and three laboratories.

Professor ORTON.

311. **Morphology of Fungi.** I. (5 Hrs.).
A general course in the form and structure of representative groups of fungi. Three lectures and two laboratories.

Associate Professor LEONIAN.

312. **Physiology of Fungi.** II. (3 Hrs.).
The metabolism of the fungi, including spore germination; growth and reproduction as affected by environmental factors; metabolic by-products. Prerequisite: Plant Pathology 311. Three laboratories.

Associate Professor LEONIAN.

380, 381, 382, 383. **Graduate Work.** 2 Yrs. (1 to 5 Hrs. per semester).
A detailed study of some special disease or disease group, employing advanced methods of investigation. Prerequisite: Plant Pathology 202.

Professor ORTON and staff.

POULTRY HUSBANDRY

Associate Professor ANDREWS and Mr. WIGHTMAN.

1. **Poultry Husbandry.** II. (4 Hrs.).
Prerequisite to all other courses in the department. Three lectures and one laboratory.

Associate Professor ANDREWS and staff.

103. **Advanced Poultry Husbandry.** I. (3 Hrs.).
Continuation of Course 1, including a general survey of scientific investigations in poultry husbandry. Three lectures.

Associate Professor ANDREWS.

105. **Poultry Judging.** I. (2 to 3 Hrs.).
This course covers both standard and utility judging. One lecture and laboratory combined.

Mr. WIGHTMAN.

180, 181. **Advanced Work.** Yr. (1 to 3 Hrs. per semester).

Associate Professor ANDREWS and staff.

380, 381, 382, 383. **Graduate Work.** 2 Yrs. (1 to 5 Hrs. per semester).

Associate Professor ANDREWS and staff.

INSTRUCTION IN HOME ECONOMICS

ORGANIZATION

For purposes of administration the department is organized under the College of Agriculture, as follows:

1. In the College of Agriculture a curriculum is outlined whereby students may select as their major either general home economics or vocational home economics in preparation for the degree of Bachelor of Science in Home Economics.

2. In the College of Arts and Sciences students working for the degree of Bachelor of Arts may take home economics as a major and must meet the requirements for the degree as prescribed by that college in this catalogue. The head of the department of home economics acts as class adviser for such students.

3. Extension work in home economics is given under the direction of the Division of Agricultural Extension.

AIM AND SCOPE

The course leading to the degree of Bachelor of Science in Home Economics is planned for women students and especially for those who wish to teach home economics in vocational schools and other institutions or who wish to learn the business of home keeping. The aim of the course is to give women such training as will best prepare them to assume their responsibilities as members of a household and a community. This training includes: first, a knowledge of those sciences which are fundamental to an understanding of the principles of home economics; second, technical courses in food and nutrition, the applied arts, clothing and textiles, health and child care, home management, and teacher training; third, a general knowledge of the laws of production and consumption and social relationships obtained from courses in history and sociology; fourth, an appreciation and intelligent use of English which is developed through courses in oral and written English and in study of English literature.

To provide for this training a curriculum is suggested. Sufficient electives are allowed to permit the student to qualify for vocational home economics, or to take special courses in agriculture, or to select other courses in which she is interested.

EQUIPMENT

The department occupies two floors of the wing of Oglebay Hall. On the first floor are two large, well equipped food laboratories, a suite

of rooms consisting of dining room, kitchen and reception room, a textile laboratory, a reading room, and the offices of the department. On the second floor are three laboratories equipped for work in clothing and applied art. There is also on this floor a large recitation room.

There is a modernly equipped house near the University used for a Home Management Laboratory.

ENTRANCE REQUIREMENTS

For admission to the course leading to the degree of Bachelor of Science in Home Economics the requirements are the same as for admission to the course in agriculture.

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF SCIENCE IN HOME ECONOMICS

Credits Required

The degree of Bachelor of Science in Home Economics will be conferred upon any student who satisfies the entrance requirements and offers one hundred and twenty-eight hours' credit for college courses, including all requirements set forth below.

No student is permitted to register for less than fourteen hours or more than seventeen hours of work in any one semester.

Required and Elective Courses

Of the one hundred and twenty-eight hours' credit required for the degree, seventy-seven hours are prescribed as indicated in the curriculum which follows. The remaining fifty-one hours must be elected from courses approved by the class adviser. The required and elective courses in the subject of home economics must amount to not fewer than forty hours in all.

Requirements for the Vocational Home Economics Certificate:

I. Catalogue Requirements Showing Minimum Hours:

	Hours
1. General required courses: Same as those required of all students in home economics	37
2. Home Economics or technical required courses:	
Foods	9
Textiles and Clothing	8
Applied Arts	7

Home Management	6	
Home Economics Education (including special methods in home economics and materials for home economics courses in high schools)	4	
Child Development	2	
Electives	4	
	—	40

3. Education:
   Such courses as are prescribed for the high schol certificate 20
4. General electives:
   Such electives as the student may wish to select either in general, professional, or technical subjects and requirements of the State Board of Education 31

Total 128

II. **Scholarship:**
   1. A satisfactory quality of work.

III. **Teaching Ability:**
   1. As demonstrated in at least twenty-five lessons in directed teaching at the University High School and city schools supervised by the home economics teacher trainer and her assistants in cooperation with the College of Education.

IV. **Home Making Experience:**
   1. Residence in the University Home Management House of sufficient length to show the abilities necessary in the management of the home.
   2. Home practice of satisfactory quality or supervised project or both.
   3. Managerial abilities and standards of finished dishes demonstrated by simple group feeding.
   4. Child care project.

V. **Personality Traits:**
   1. A minimum standard of personal qualities and abilities as shown by rating tests.

For students interested in extension work the following courses are recommended: Horticulture 130 and 140; Poultry Husbandry 1; Dairy Husbandry 101; Agricultural Education 134, 138; Genetics 111.

Requirements for Home Economics Certificate as Established by the State Board of Education:

	Sem. Hrs.	Sem. Hrs. Required
I. General Requirements:		
1. Home Economics (including 8 hours of applied art)		40
2. English and Public Speaking		12
3. Science		18
(a) Chemistry	8	
(b) Biology (including bacteriology)	10	

4. Social Science		12
(a) History (social and economic)	6	
(b) Principles of Economics	3	
(c) Sociology (including family and child welfare)	3	
5. Health and Physical Education		6
6. Professional (minimum requirements for all curricula, including material and methods of teaching, foods and nutrition, home management, textiles and clothing, and child care)		20
7. Electives		20
Total		128

II. Courses in home economics approved for the curriculum for high school teachers of home economics:

1. Foods and Nutrition		12
(a) Food study including laboratory practice in food preparation	8	
(b) Dietetics	4	
2. Textiles and Clothing		10
(a) Textiles	3	
(b) Clothing selection and construction	7	
3. Applied Art		8
(a) Principles of design	4	
(b) Home planning and furnishing	4	
4. Home Management		8
(a) Economics of the household	3	
(b) Mechanics of the household	2	
(c) Home Management House	2	
5. Child Care and Development		2

Such general subjects as English, chemistry, biology, and history should be completed before the junior year.

Economics should be completed by the close of the junior year and should be prerequisite or parallel to home management courses.

Chemistry should be prerequisite to all food courses.

Biology and chemistry should be prerequisite to courses in nutrition and dietetics.

Students who wish to prepare for a second teaching subject with home economics may make the following combinations as prescribed by the State Board of Education:

1. Home Economics and Biology
   (a) In the curriculum above, substitute in the electives 10 hours of biology to make the requirement of 20 hours of biology.
2. Home Economics and Chemistry
   (a) In the curriculum above substitute in the electives 8 hours of chemistry.
3. Home Economics and Fine Arts
   (a) In the above curriculum substitute 30 hours of fine arts.

Class Adviser

The head of the department of home economics will act as class adviser.

All students who wish to enter the University for the purpose of taking home economics should confer with the head of the department before registering.

Classification of Students

To be classified as a conditional freshman a student must have credit for at least fifteen units of entrance requirements; to be classified as a regular freshman she must have fulfilled all entrance requirements. To be classified as a sophomore she must have credit for twenty-five hours of college work; as a junior fifty-eight hours; as a senior, ninety-two hours.

COURSES REQUIRED OF ALL STUDENTS IN HOME ECONOMICS

		Hours
English Composition (English 1 and 2)	6	
English Literature	4	
Chemistry	8	
History	5	
Biological Science (including Botany 41)	10	
Economics or Sociology	4	
	—	37
Home Economics—		
Foods	9	
Textiles and Clothing	7	
Applied Art	7	
Home Management	6	
Electives	11	
	—	40
Electives		51
Total		128

CURRICULUM SUGGESTED

The curriculum given below is suggestive except as regards subjects, and may be varied by the class adviser to meet the needs of individual students, but the curriculum indicates the subjects which are usually advised for students who desire to take major work in home economics.

Freshman Year

First Semester		Second Semester	
English 1	3	English 2	3
Home Economics 31	4	Home Economics 16	2
History 28	3	Home Economics 19	3
Chemistry 3	4	History 53	3
Physical Education	1	Chemistry 4	4
Home Economics 1	1	Physical Education	1
	16		16

Sophomore Year

First Semester		Second Semester	
Botany 1	4	Zoology 4	5
Home Economics 3	4	Home Economics 4	4
Elective	5	Elective	4
Physical Education	1	Physical Education	1
English 3	3	English 4	3
	16		16

Junior Year

First Semester		Second Semester	
Home Economics 107	4	Home Economics 234	3
Home Economics 233	3	Home Economics 22	3
Sociology 1	3	Home Economics 240	2
Elective	4	Sociology 8	2
Home Economics 15	2	Botany 41	3
		Elective	3
	16		16

Senior Year

First Semester		Second Semester	
Home Economics 251	2	Home Economics 254	3
Electives	13	Electives	13
	15		16

	Hours
Those specializing in Clothing should take:	
Home Economics 226	2
Home Economics 123	2
Home Economics 225	3
Economics 1 and 2	6
Those specializing in Foods should take:	
Home Economics 212	4
Home Economics 180	1 to 4
Home Economics 108	1 to 3
Chemistry 31	4
Those specializing in Teacher Training should take:	
Home Economics 260	2
Home Economics 262	2
Education (including Ed. 220 and 224)	20

COURSES OF INSTRUCTION IN HOME ECONOMICS

Professor COLWELL, Assistant Professors RICHMOND, NOER, STONE, and PALMER, and Mrs. JONES, Miss DIETRICH, and Miss KALLENBERG.

(1) Students in the College of Arts and Sciences who select home economics as their major must take courses 3, 4, and 107 in the food and nutrition group, courses 31 and 135 in the applied arts group, and courses 15, 19, and 22 in the textiles and clothing group. Courses 251 and 254 in the home management group are strongly recommended.

Students who are preparing to teach home economics must meet the requirements for the certificate of home economics as outlined by the State Board of Education.

(2) Science requirements: Chemistry 3 and 4, Botany 41, and seven additional hours in biological science are prerequisite or parallel for all courses in home economics except certain courses listed below.

(3) Students in the College of Arts and Sciences who do not wish to take the sciences required may elect the following courses: 2, 15, 16, 19, 31, 233, 234, 240.

(4) Attention is called to the fact that students who take the B. S. H. E. degree are required to take a minimum of forty hours in home economics. Those students who take the A. B. degree must take no more than thirty-six hours in home economics.

(5) Students who wish to take the advanced work in home economics are expected to have applied in the home, until skill has been acquired, the principles taught in the elementary courses.

(6) Students who wish to obtain the high school certificate must meet the requirements of the State Board of Education as given in the curriculum.

(7) Students who wish to obtain the vocational home economics certificate must meet the requirements for the high school certificate as well as for the vocational home economics certificate.

(For explanation of abbreviations see page 204)

1. **Home Economics Survey.** I, II. (1 Hr.).
A brief survey of the scope and field of home economics education. One lecture.

Professor COLWELL and staff.

Foods and Nutrition

2. **Food Selection.** II. (2 Hrs.).
Specially planned for students in the Division of Physical Education and College of Education. Two lectures.

Professor COLWELL.

3. **Food Preparation.** I, II. (4 Hrs.).
Two lectures and two laboratories.

Assistant Professor STONE.

4. **Food Study.** II. (4 Hrs.).
Prerequisite: Home Economics 3 or its equivalent, and Chemistry 1. Two lectures and two laboratories.

Assistant Professor STONE.

14. **Nutrition.** II. (3 Hrs.).
Primarily for Physical Education majors. Two lectures and one laboratory.

Professor COLWELL and staff.

105. **Food Preservation.** I. (2 Hrs.).
Prerequisite: Home Economics 4 or its equivalent. One lecture and one laboratory period combined.

Miss KALLENBERG.

107. **Dietetics.** I. (4 Hrs.).
Prerequisite: Home Economics 4. Two lectures and two laboratories.

Professor COLWELL and staff.

108. **Group Feeding.** I, II. (1 to 3 Hrs.).
One laboratory.

Professor COLWELL and staff.

212. **Human Nutrition.** II. (4 Hrs.).
Prerequisite: Chemistry 31, Home Economics 4, 107. Two lectures and two laboratories.

Professor COLWELL and staff.

Textiles and Clothing

15. **Clothing Selection.** I, II. (2 Hrs.).
Two lectures.

Assistant Professor NOER and staff.

16. **Elementary Course in Clothing Construction.** I, II. (2 Hrs.).
Two laboratories.

Miss DIETRICH.

19. **Textile Fabrics.** I, II. (3 Hrs.).
One lecture and two laboratories.

Miss DIETRICH.

22. **Selection and Construction of Clothing.** I, II. (3 Hrs.).
Prerequisite: Home Economics 16, 19, 31, or permission of instructor. Three laboratories.

Assistant Professor NOER and staff.

123. **Millinery.** I, II. (2 Hrs.).
Two laboratories.

Mrs. JONES.

225. **Advanced Clothing.** I, II. (3 Hrs.).
Prerequisite: Home Economics 19 and 22. Three laboratories.

Assistant Professor NOER and staff.

226. **Advanced Textiles.** II. (2 Hrs.).
Prerequisite: Home Economics 19, Chemistry 1. Two laboratories.
Assistant Professor NOER and staff.

Applied Arts

31. **Applied Design.** I, II. (4 Hrs.).
Two lectures and two laboratories.
Assistant Professor PALMER.

135. **Home Planning and Furnishing.** I, II. (4 Hrs.).
Suggested prerequisite: Home Economics 19 and 31. Not open to students who take Home Economics 233 and 234.
Assistant Professor PALMER.

233. **House Architecture.** I. (3 Hrs.).
Prerequisite: Home Economics 31. One lecture and two laboratories.
Assistant Professor PALMER.

234. **House Decoration.** II. (3 Hrs.).
Suggested prerequisite: Home Economics 19, 31, 233. One lecture and two laboratories.
Assistant Professor PALMER.

Health and Child Care

240. **Child Development.** II. (2 Hrs.).
Prerequisite: Home Economics 4, 107. Two lectures.
Professor COLWELL.

241. **Nursery School.** I, II. (2 Hrs.).
Home Economics 240 must parallel or precede.
Professor COLWELL and staff.

Home Management

251. **Mechanics of the House.** I. (2 Hrs.).
Prerequisite: All required courses in home economics. Two lectures.
Mrs. JONES.

252. **Home Management Laboratory.** I, II. (3 Hrs.).
To be preceded or accompanied by Home Economics 251 and 254.
Professor COLWELL and staff.

254. **Home Management.** II. (3 Hrs.).
Three lectures.
Mrs. JONES.

Teacher Training

260. **Special Methods in Home Economics.** I. (2 Hrs.).
Parallel courses, Education 220 and 224. Prerequisite: All required courses in home economics. Two lectures.
Assistant Professor RICHMOND.

262. **Materials and Methods of Teaching Home Economics in High Schools.** II. (2 Hrs.).
Prerequisite: Home Economics 260. Parallel course, Education 224, if not previously taken. Two lectures.
Assistant Professor RICHMOND.

264. **Seminar in Home Economics Education.** II. (2 Hrs.).
Prerequisite: Home Economics 262.
Assistant Professor RICHMOND.

General Courses

180, 181. **Advanced Work.** Yr. (1 to 3 Hrs. per semester).
Professor COLWELL and staff.

270. **History of Home Economics.** I, II. (1 Hr.).
One lecture.
Professor COLWELL and staff.

380, 381, 382, 383. **Graduate Work.** 2 Yrs. (1 to 5 Hrs. per semester).
Professor COLWELL and staff.

The College of Law

HISTORY AND PURPOSE

The College of Law was established in 1878, and is the oldest professional school in the University. A large proportion of the bench and bar of West Virginia have been enrolled among its students.

Its course of instruction for the degree of Bachelor of Laws, originally requiring but one and later two years of law study, was, in 1912, fixed at three years. In 1913 a requirement of one year of college work for admission was added. In September, 1924, a requirement of two years of college work for admission became effective. Beginning with the fall of 1931 three years of college work will be required for admission.

In 1914 the College of Law was admitted to membership in the Association of American Law Schools, which is an organization of the leading law schools of the United States for the purpose of establishing and maintaining high standards of legal education.

The purpose of the instruction given in the College of Law is to train the student thoroughly in the principles and procedure of the common law with particular reference to their application or modification by decision and statute in West Virginia.

BUILDING AND EQUIPMENT

LAW BUILDING

The new building occupied by the College of Law is of fireproof construction, one hundred and forty-four feet in length, fifty-six feet in minimum width, and three stories in height. It contains three classrooms, a fully-equipped practice court room, study rooms with space for one hundred and fifty readers, private offices for members of the faculty, the dean, the librarian and the secretary, club rooms for both men and women students, a locker room, a clerk and sheriff's office, and stack and shelf space for fifty thousand volumes, with room for additional stacks and shelves up to a total capacity of approximately sixty thousand volumes.

LAW LIBRARY

The Law Library numbers about 25,000 volumes. It contains the reports of the highest courts of all the States, the insular possessions,

and the District of Columbia, either complete or to the National Reporter System (including several sets of Virginia and West Virginia reports), most of the published reports of the lower courts of the various States, the complete National Reporter System, the complete reports of the Federal courts, the various sets of annotated selected cases, the various American and English encyclopedias of law, the complete general digest system of the West Publishing Company, a collection of English reports, containing the English Reprint and the Law Reports, the Irish Reports, the most important Canadian reports, complete sets of leading English and American legal periodicals, over 1,000 volumes of treatises, over 800 volumes of state and Federal statutes, including the latest code, compilations and acts of the United States and of all the states together with a complete collection of the various codes and acts of Virginia and West Virginia, complete sets of the English statutes, and over 500 volumes of briefs and records of cases decided by the Supreme Court of Appeals of West Virginia.

ENTRANCE REQUIREMENTS

CANDIDACY FOR THE DEGREE OF BACHELOR OF LAWS

The following persons will be admitted to the College of Law as candidates for the degree of Bachelor of Laws:

1. Graduates of colleges of approved standing.

2. Those having credit: (a) for fifteen units preparatory work (see below), and (b) for not less than sixty-four hours of work of collegiate grade in an institution of approved standing, which must include ten hours of English (English 1, 2, 3, and 4, or equivalent) and six hours of history, and who have made a general average grade of seventy-five in courses offered for entrance. If such college work is done in an institution other than West Virginia University, credit for one-half the work required by such institution for its bachelor's degree will satisfy the requirement. If such institution does not grant a bachelor's degree, credit for two full years of regular work[1] in such institution will satisfy the requirement. Such work must, as a minimum, entitle the student to not less than sixty hours of credit in the College of Arts and Sciences of West Virginia University. No course may be counted for entrance to the College of Law unless such course would count toward the Bachelor of Arts degree in West Virginia University.

Beginning September, 1931, the minimum requirement for entrance to the College of Law will consist of three years of work of collegiate grade in an institution of approved standing.

SECONDARY SCHOOL CREDITS

For a complete statement of secondary school units required, see pages 39 to 41.

[1]For example, if regular work in such institution is thirty-two semester hours per year, the student must present sixty-four semester hours for entrance to the College of Law.

REQUIRED COURSES IN COLLEGE OF ARTS AND SCIENCES

Students are urged to complete at least three years of work in the College of Arts and Sciences before entering the College of Law, thus placing themselves in position to take advantage of the combined six-year course which leads to the degrees of Bachelor of Arts and Bachelor of Laws. Thorough work of collegiate quality in American and English constitutional history and English is particularly essential.

Students who offer sixty-four hours of college credit for admission are expected to complete two years of college work leading to the Bachelor of Arts degree, and are required to have completed the following courses: English 1 (3 Hrs.), English 2 (3 Hrs.), English 3 (3 Hrs.), English 4 (3 Hrs.), and six hours of history which should include History 27 (or 28), and History 52. Students coming from other colleges must present equivalent courses. In satisfaction of the remaining forty-eight hours, which are elective, the following are recommended: An advanced course in composition and rhetoric, History 318 (3 Hrs.), History 53 (3 Hrs.), one or two courses in mathematics to be selected from Mathematics 2 to 10, 28, 107, 108, Psychology 1 (3 Hrs.), Philosophy 106 (Logic) (3 Hrs.), Economics 11 (3 Hrs.), Economics 12 (3 Hrs.), Sociology 1 (3 Hrs.), and C. E. 2 (Land Surveying) (3 Hrs.). College courses in Latin and Greek are of great value.

STUDENTS IN OTHER COLLEGES

Students of at least junior standing in other colleges of the University may be permitted to take work in the College of Law subject to the regulations of the colleges where they are registered and of the College of Law, but conditioned in each case upon the consent of the instructor giving the courses which such students desire to take.

ADMISSION TO COMBINED COURSE

A student may secure the degree of Bachelor of Arts and Bachelor of Laws in six years under the following conditions:

Upon entrance into the upper division of the College of Arts and Sciences, such students will select a major and a minor and announce to the departmental adviser in charge of the major their intention to take the combined course. These students will complete twelve to fifteen hours of work in the major, and nine to twelve hours of work in the minor, together with a sufficient number of electives to make a total of ninety-six semester hours. Such students may then be admitted to the College of Law, and the successful completion of the entire first year of work in the College of Law will satisfy the remaining require-

ments for the A. B. degree. On completion of two additional years of work in the College of Law, the degree of LL. B. will be conferred.

No work included in the above ninety-six credits and counted toward the A. B. degree may be again counted toward the LL. B. degree.

SUMMER SCHOOL

A six weeks' summer school is given each year by the College of Law. Five semester hours is the maximum credit which can be obtained during this period. The courses for the summer of 1930 are *Insurance* and *Suretyship.*

ADMISSION TO ADVANCED STANDING

Applicants for admission to advanced standing must satisfy the following requirements:

1. Compliance with the requirements for admission to the first year class.

2. For admission to the second year class, applicants must have successfully pursued the study of law in residence for at least one year in an approved law school, where they have received credit for courses equivalent to those required for admission to the second year class in the College of Law.

3. For admission to the third year class, applicants must have successfully pursued the study of law in residence for at least two years in an approved law school, where they have received credit for courses equivalent to those required for admission to the third year class in the College of Law.

No credit will be given for work done in a law office.

No student may receive the degree of Bachelor of Laws without at least one year's residence in the University and the successful passing of courses aggregating twenty-eight semester hours pursued in the College of Law.

Any applicant for advanced standing may also, in the discretion of the law faculty, be required to undergo an examination in any or all subjects presented for advanced standing.

CLASSIFICATION OF STUDENTS

Students who have less than twenty-two hours of law credit are classified as first year law students.

Students who have twenty-two or more hours, but less than fifty hours of law credit are classified as second year students.

Students who have fifty or more hours of law credit are classified as third year students.

The classification under the above rules is made as of November 1 of each year.

REQUIREMENTS FOR DEGREE

BACHELOR OF LAWS

Students who have satisfied the preparatory and college requirements for entrance to the College of Law as candidates for the degree of Bachelor of Laws, and who have satisfactorily completed courses aggregating eighty-four hours, distributed over three years' residence, and who have otherwise satisfied the requirements of the University and the College of Law, will be granted the degree of Bachelor of Laws.

HONOR POINTS

No student will be graduated who has not received fifty honor points, according to the following schedule:

For a grade of C, 1 honor point per semester hour
For a grade of C+, 2 honor points per semester hour
For a grade of B, 3 honor points per semester hour
For a grade of B+, 4 honor points per semester hour
For a grade of A, 5 honor points per semester hour
For a grade of A+, 6 honor points per semester hour
For a grade of F, one honor point per semester hour will be deducted from the total.

The grade of D is the lowest passing grade and will be counted toward the number of hours necessary to graduate but will not entitle anyone receiving that grade to an honor point.

A student who has received a grade of D in any course is privileged, but not required, to take the next regular examination in that course in order to raise his grade to one which carries with it honor points.

REQUIRED COURSES

The eighty-four hours offered by a student for the degree of Bachelor of Laws must include the following courses: Contracts, Personal Property, Agency, Torts, Introduction to Procedure, Common Law Pleading, Criminal Law and Procedure, Real Property I, Real Property II, Evidence, Equity Jurisdiction I, Practice and Procedure, and Practice Court.*

ATTENDANCE AT SPECIAL LECTURES

A satisfactory record of attendance, or a valid excuse for non-attendance, at such special lectures as shall be arranged by the College of Law for the law students, is required of each candidate for the degree of Bachelor of Laws.

ADMISSION TO BAR

Under the provisions of chapter 119, section 1, of the West Virginia Code, those who receive the degree of Bachelor of Laws from West Virginia University may be admitted to the bar without further examination.

BAR EXAMINATIONS

All persons seeking admission to the West Virginia Bar, except those who hold the degree of Bachelor of Laws from West Virginia University, are required to take and pass the state bar examination.

The bar examinations are held in Charleston, commencing on the second Wednesday of March and of September.

An order made and entered by the Supreme Court of Appeals on September 16, 1924, contains the following provision:

"Until otherwise provided it is ordered, under chapter 119, section 1 of the Code, as follows:

1. Persons applying, on and after July 1, 1928, for license to practice law in this state under the provisions of section 1, of chapter 119 of the Code, must satisfy the following requirements as to period of study and degree of preparation:

(1) A preliminary academic education equivalent to at least two years of study in a college.

(2) Three years of diligent law study as a resident student in a law school certified by the Association of American Law Schools as complying with the following standards:

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*In exceptional cases the faculty of the College of Law may permit a student to substitute for a required course a number of hours of other work deemed equivalent thereto.

(a) It shall require its students to pursue a course of three years' duration if they devote substantially all of their working time to their studies, and a longer course, equivalent in the number of working hours, if they devote only part of their working time to their studies.

(b) It shall provide an adequate library, available for the use of the students.

(c) It shall have among its teachers a sufficient number giving their entire time to the school to insure actual personal acquaintance and influence with the whole student body.

Graduation from such a school shall be evidenced by a certificate to the State Board of Law Examiners by the head of the school at which such study was pursued, showing in detail all the work done.

2. The following members of the Bar of the State shall constitute a State Board of Law Examiners, namely, John O. Henson, Robert S. Spillman, Joseph M. Sanders, James W. Ewing, and J. W. Vandervort. They may select a competent secretary from their own number or from the outside.

The said board shall have the power to make all needful rules and regulations for the conduct of the examination and shall make such examination equivalent in scope to that required for graduation from law schools which are members of the Association of American Law Schools. The board shall issue a written certificate to each person who passes such examination.

3. Any person duly licensed to practice in another state, or in the District of Columbia, and who desires to be licensed as a resident practitioner in West Virginia, must first establish a residence in this state, but such residence need not have been maintained for any definite period preceding an application for admission to the bar examination. If any such applicant has engaged in the regular practice of law for five years or more in another state, or in the District of Columbia, the Board of Law Examiners may, in its discretion, accept such five years of law practice as being the equivalent of the preliminary academic and law studies above specified, but the applicant must give the information relating to his previous academic preparation and law study called for in the application blank and must also furnish to the board such information regarding his previous professional experience and practice as the board may require. Any such applicant who has not been regularly engaged in the practice of law for five years or more must satisfy the preliminary academic and law study requirements above specified.

Information as to bar examinations and as to other matters relating to admission to the bar may be obtained upon inquiry directed to the Secretary, State Board of Law Examiners, Charleston, W. Va.

WEST VIRGINIA LAW QUARTERLY

The West Virginia Law Quarterly is published in December, February, April, and June by the faculty of the College of Law. It is the official publication of the West Virginia Bar Association.

The editors of the Student Note and Recent Case Department of the Law Quarterly are members of the second and third year classes, who are chosen each year from those students who made the highest grades in the preceding year. This department affords to ambitious students an opportunity to do research work of a practical nature.

STUDENT CLUB COURTS

A system of club courts, for the argument of law points arising out of statements of facts submitted by the members of the faculty and others, is in operation in the College of Law. Membership in these clubs is voluntary, but an opportunity to join one of them is open to every student in the College of Law. The arguments are presided over by members of the faculty, members of the bar in active practice, and senior law students.

Mr. George C. Baker, A. B., 1883, LL. B., LL. M., 1886, of the Morgantown Bar, has donated to the College of Law a loving cup, possession of which is awarded each year to the club court winning the inter-club competition.

EXAMINATIONS, GRADES, AND CREDITS

COURSES

All courses extend either throughout the entire year or through one semester. No credit will be given for less than an entire course except by special order of the faculty. Grades given at the end of the first semester in courses extending throughout the year are merely indicative of the quality of work done by the student to that point and do not give credit for the part of the course so far pursued. Such first semester grade may be considered in determining the final grade.

EXAMINATIONS

Students are required to take all regular examinations. No student who absents himself from any such examination without being excused therefrom by the faculty of the College of Law, will receive credit unless he repeats the course successfully. If absence from a final examination is permitted by the faculty, the student's grade in that course will be withheld until he has passed the next examination for the removal of

conditions in the course. Application for leave to be absent from a regular examination must be made before the hour at which such examination closes.

REGULAR EXAMINATIONS are held at the end of each semester in all courses. The period devoted to such examination and the length of time of each examination are determined by the faculty of the College of Law.

GRADES

Reports of students' grades are made at the end of each semester. If such grade be reported at the end of the course, it is the student's grade for the course; if at the end of the first semester in a course extending throughout the year, it is merely indicative of the quality of the student's work that far in the course.

In determining grades the instructor gives such weight as he deems best to examinations, daily recitations and attendance. He may refuse examination to any student because of poor attendance.

The privilege of examination is denied a student absent for any cause from 12 per cent of the class periods of a course during the semester preceding the examination unless special permission is given him by the committee on scholarship to take such examination.

Students who fail in any course are given no credit for it.

The law faculty may warn any student whose work is deemed unsatisfactory, place him on probation or refuse his re-registration in the College of Law.

METHOD OF INSTRUCTION

The work of the student is based chiefly upon the study and discussion of decided cases, with collateral reading of statutes, approved text-books and periodicals, elucidated by free discussion in the class.

COURSES IN PRACTICE AND PROCEDURE

PRACTICE AND PROCEDURE. Instruction in practice and procedure is preparatory and supplementary to the work of the practice court, and is conducted by text-book, lectures and special study of the statutes and decisions governing West Virginia practice and procedure. Attention is given to the jurisdiction and functions of the Supreme Court of Appeals, the circuit, county and inferior courts, and the powers, duties, and liabilities of attorneys at law as officers of the court. The statutes and decisions governing the purpose and use of special legal and equitable remedies, such as attachment, garnishment, statutory motions, injunctions, etc., receive careful attention. Attention is also

given to the procedural phases of the extraordinary legal remedies, such as mandamus, habeas corpus, certiorari, quo warranto, prohibition, etc.

PRACTICE COURT. The practice court exercises original jurisdiction in law, equity, criminal and probate cases, and appellate jurisdiction in appeals from inferior tribunals.

Every third-year student, before receiving the bachelor's degree is required to prepare the pleadings and prosecute to judgment the required number of cases in the practice court. The equivalent of at least five hours in each week during the second semester must be spent by each third-year student in participation in practice court work in the court room.

Statements of facts are furnished, such as would be related to a lawyer in active practice by his client. Each student must determine whether or not upon such facts the particular case in hand is one of common law, equity, criminal, or probate cognizance. He must then frame his pleadings, serve his summons or notice and answer his adversary's pleadings until issue is joined in legal manner; after which the case is brought on for hearing in strict accordance with settled legal procedure, witnesses are examined and cross-examined, and the case is conducted through all the various stages of trial or hearing down to and including the judgment, decree or sentence; after which, should the case be appealed, it must be carried through the Supreme Court, involving the preparation of the record on appeal, briefs of counsel, etc.

The clerk and his assistant are chosen from the student body, from whose ranks are also drawn a sheriff, jurors, and other officers, thus giving to the students the benefit of practice in administrative judiciary machinery. The sessions are presided over by that member of the law faculty who has charge of practice courses and by circuit judges especially chosen for the work. The judges also lecture upon various subjects of interest to the students, and especially upon legal ethics.

DRAFTING OF LEGAL INSTRUMENTS. Students are instructed in this course in the actual preparation of deeds, mortgages, wills, abstracts and opinions of title, assignments, contracts, partnership agreements, and other legal instruments, which a lawyer is called upon to prepare. Statements of facts are furnished to the class by the instructor in charge and each student is required to prepare the various forms of instruments. These are corrected by the instructor and are discussed and criticised in class. Careful consideration is given to special forms of execution and acknowledgement when one of the parties is a corporation, a partnership, a married woman, or the like.

COURSES OF INSTRUCTION

The curriculum leading to the degree of Bachelor of Laws covers a period of three academic years. The work of the first year is prescribed. All of the studies of the second year are elective except Common Law Pleading, Evidence, Real Property II, and Equity Jurisdiction I, and all of the third year courses except Practice and Procedure and Practice Court. Second year courses may be elected by third year students, but third year courses will not in general be open to second year students. A few subjects that are given only in alternate years may be elected by both second and third year students. All required courses are marked by an asterisk.

It is expected that each student will carry fourteen hours of class room work per week during the first and second years and fifteen during the third. Not less than thirteen nor more than sixteen hours may be carried without special consent of the law faculty.

PROGRAM OF COURSES FOR 1930-31[1]

FIRST YEAR

*Agency (including Workmen's Compensation). I. (4 Hrs.).
Four hours a week in the second semester. Wambaugh, Cases on Agency.

Professor HARDMAN.

*Contracts. (6 Hrs.).
Three hours a week throughout the year. Casebook to be selected.

Professor SNIDER.

*Criminal Law and Procedure. (4 Hrs.).
Four hours a week in the first semester. Sayre, Criminal Law and Criminal Procedure.

Professor ARNOLD.

*Introduction to Procedure. (2 Hrs.).
Two hours a week in the first semester. Sunderland, Cases on Common Law Pleading and selected cases and readings.

Professor SIMONTON.

*Personal Property. (2 Hrs.).
Two hours a week in the first semester. Bigelow, Cases on Property. Vol. 1.

Professor CARLIN.

*Real Property. I. (4 Hrs.).
Four hours a week in the second semester. Bigelow, Introduction to the Law of Real Property; and Aigler, Cases on Titles.

Professor SIMONTON.

[1]The program of courses as here given is subject to change.

*Torts. 6 (Hrs.).
Three hours a week throughout the year. Wilson's Cases on Torts.
Professor DICKINSON.

SECOND YEAR

*Common Law Pleading (including Drafting of Pleadings). (4 Hrs.).
Four hours a week in the second semester. Sunderland, Cases on Common Law Pleading.
Professor CARLIN.

*Equity Jurisdiction I. (4 Hrs.).
Four hours a week in the first semester. Cook's Cases on Equity, Vols. 1 and 2.
Professor SNIDER.

*Evidence. (4 Hrs.).
Four hours a week in the first semester. Thayer, Cases on Evidence (2d ed.).
Professor HARDMAN.

Negotiable Instruments. (3 Hrs.).
Three hours a week in the second semester. Smith and Moore, Cases on Bills and Notes (2d ed.).
Professor DICKINSON.

Persons and Domestic Relations. (2 Hrs.).
Two hours a week in the second semester. [Omitted in 1930-31].
Associate Professor HAVIGHURST.

*Real Property II. (2 Hrs.).
Two hours a week in the first semester. Bigelow, Cases on Rights in Land (part).
Professor SIMONTON.

Real Property III. (4 Hrs.).
Four hours a week in the second semester. Bigelow, Cases on Rights in Land (part) and Powell, Cases on Future Interests.
Professor SIMONTON.

Sales of Personal Property. (3 Hrs.).
Three hours a week in the first semester. Williston, Cases on Sales (2d ed.).
Associate Professor HAVIGHURST.

Trusts. (4 Hrs.).
Four hours a week in the second semester. Scott, Cases on Trusts.
Professor ARNOLD.

Wills and Administration. (2 Hrs.).
Two hours a week in the first semester. Warren, Cases on Wills and Administration.
Associate Professor HAVIGHURST.

Quasi-Contracts. (3 Hrs.).
Three hours a week in the second semester. Woodruff, Cases on the Law of Quasi-Contracts (2d ed.).
Professor DICKINSON.

Use of Law Books. (1 Hr.).
One hour a week in the first semester.
Mr. DONLEY.

THIRD YEAR

Administrative Law. (2 Hrs.).
Two hours a week in the second semester. Freund, Cases on Administrative Law. [Given in 1930-31 and in alternate years thereafter].

Bankruptcy. (2 Hrs.).
Two hours a week in the second semester. Holbrook and Aigler, Cases on Bankruptcy. [Omitted in 1930-31 and in alternate years thereafter].
Professor SNIDER.

Conflict of Laws. (4 Hrs.).
Four hours a week in the first semester. Beale, Cases on Conflict of Laws.
Professor DICKINSON.

Constitutional Law. (4 Hrs.).
Four hours a week in the first semester. Hall, Cases on Constitutional Law.
Associate Professor HAVIGHURST.

Drafting Legal Instruments. (1 Hr.).
One hour a week in the second semester. See page 234 for information as to the work in this course.
Professor CARLIN.

Equity Jurisdiction II. (2 Hrs.).
Two hours a week in the second semester. Casebook to be announced.
Professor SNIDER.

Equity Pleading and Practice. (2 Hrs.).
Two hours a week in the first semester. Clephane on Equity Pleading and Practice and selected cases and statutes.
Professor CARLIN.

Municipal Corporations. (2 Hrs.).
Two hours a week in the first semester. Casebook to be announced.
Professor SNIDER.

***Practice and Procedure.** (4 Hrs.).
Four hours a week in the first semester. Munson, Elementary Practice, selected cases, statutes, and lectures. See pages 233 and 234 for information as to work in this course.
Professor CARLIN.

***Practice Court.** (3 Hrs.).
Court sessions and lecture periods in the second semester as specified by the faculty. See page 234 for information as to work of the practice court.
Professor CARLIN and judges.

Private Corporations. (4 Hrs.).
Four hours a week in the second semester. Warren, Cases on Private Corporations.
Professor HARDMAN.

Public Utilities. (4 Hrs.).
Four hours a week in the first semester. Smith and Dowling, Cases on Public Utilities.
Professor HARDMAN.

Honors Courses.
Second and third year students having an average grade of "B" or better may, by special arrangement with the Dean and instructor, elect to do individual research work to an extent approved by the Dean and instructor. The credit given for such work is flexible and will be determined by its character. Choice of subjects and number of hours credit must be arranged by the instructor and approved by the Dean in advance.

COURSES IN COLLEGE OF ARTS AND SCIENCES

On petition the Committee on Scholarship in its discretion may permit a student to take for law credit either Political Science 223 or Public Speaking 220. For description of these courses see pages 128 and 130.

The College of Education

DEVELOPMENT AND ORGANIZATION

West Virginia University is composed of five colleges, and two schools of which the College of Education is one college. In 1901 a Department of Education was established in the College of Arts and Sciences. During the following years departments of education grew up in the College of Agriculture, College of Engineering, and Music School. In 1927 the College of Education was established by the Board of Governors of the University to unify the professional work for school service.

The College of Education has control in the University, under the direction of the Board of Governors, of the education of high school teachers, principals, superintendents and supervisors. The order of the Board of Governors reads in part as follows: "That the College of Education have, under the control of the Board of Governors of the University, full control in the University of all professional teacher preparation, directive control in the University of all academic teacher preparation, and full control in the University in recommending to the State Department of Education for the certification of teachers, principals, supervisors and superintendents."

It is composed of seven divisions:

General Professional Education and Directed Teaching
Agricultural Education
Industrial Education
Home Economics Education
Rural Education
Visual Education
University High School

The College of Education exists to contribute to educational efficiency and to afford a liberal and more scientific notion of the function of public schools of the state. It provides the professional preparation and directs the academic preparation for the following kinds of service:

1. High school teachers
2. Principals of high schools
3. Principals of graded schools
4. Supervisors of special subjects
5. Education counselors
6. Boys and girls club work
7. Teachers in normal schools and colleges
8. County superintendents
9. City superintendents
10. District superintendents

11. County agents
12. Home demonstration agents
13. Extension workers
14. Health education workers

ADMISSION

The requirements for admission to the College of Education shall be the completion of sixty-four semester hours. The course taken in the other colleges and schools of the University or other institutions by freshmen and sophomores must conform to the requirements of the State Board of Education for the certification of teachers, principals, superintendents and supervisors. Provisions will be made, however, for those who are properly qualified and who desire to make special preparation in agricultural education, industrial education, health education, commerce, music and art. All applicants must have met the requirements for graduation in standard high schools as outlined in bulletin "Organization Administration, and Course of Study for Junior and Senior High Schools" published by the State Department of Education.

For a statement of secondary school units required, see pages 39 to 41.

ADVANCED STANDING

Admission from junior colleges, normal schools, colleges, and universities will be made by certificate with equal standing in this college, provided the certificate shows graduation from a standard high school and the satisfactory completion of freshman and sophomore work, a total of sixty-four semester hours of credit. Students contemplating entering the College of Education should have their courses of study arranged to meet junior standing and the required curricula for the certification of teachers. A minimum grade C, and an average grade B are required.

FRESHMAN AND SOPHOMORE REGISTRATION

Freshmen and sophomores who expect to enter the College of Education will indicate their intention when they register in the University. They will have their study lists and class cards made out and approved by Professor Elizabeth M. Stalnaker, the adviser for pre-education students.

In selection of teaching combinations care should be taken. Some teaching combinations are over-supplied with teachers; in other teaching combinations the demand is greater than the supply. At the present time there is need for more students to prepare to teach Latin, manual arts, mathematics, science, and music in combination with some other subject.

REQUIREMENTS FOR GRADUATION

GRADUATION WITH B. S. IN EDUCATION

Students in the College of Education who present one hundred and thirty hours with grades of C or above and an average grade of B or above, will be recommended for graduation. Of the one hundred and thirty hours credit offered a minimum of one hundred hours must be in academic subjects. No candidate for graduation will be recommended for graduation with less than thirty hours of credit in residence. The senior year must be in residence.

Summer school attendance of regularly matriculated students in the College of Education will satisfy residence requirements. A minimum of thirty weeks of summer school residence will be required for a degree.

GENERAL REQUIREMENTS FOR B. S. IN EDUCATION

	Hours
English and public speaking	20
Social studies	15
Science or agriculture or industrial subjects or home economics or mathematics	15
Health and physical education	6
Education, minimum of 20 hours	25

Note 1. A reduction of as much as five hours in English and public speaking, in science, and in education in the above general requirements will be allowed if the curriculum demands it. If mathematics is elected as one of the teaching groups the fifteen hours of science in the above requirements must be taken.

CURRICULA REQUIREMENTS FOR BACHELOR OF SCIENCE IN EDUCATION

A candidate for the degree of Bachelor of Science in Education must satisfy the general requirements for the degree and make a selection of one of the teaching combinations on page 249. The two teaching subjects selected must be completed as to number of semester hours and selection and arrangement of subjects indicated on pages 250 to 258.

REQUIREMENTS FOR MASTER OF ARTS DEGREE

A candidate for the Master of Arts degree must:

(1) Satisfy qualifications for Bachelor of Science in Education in the College of Education in West Virginia University or its equivalent.

(2) Present thirty semester hours of graduate credit with grades of eighty or above.

(3) Complete a minimum of ten semester hours in major and two minors in high school teaching subjects.

(4) Demonstrate teaching capacity in two semester hours of directed teaching.

(5) Write a thesis,—credit two to four hours.

(6) The courses in education required for the Master of Arts degree are Education 238, 246, 258, 327, 366, 377. Electives may be selected from Education 267, 272, 275, 380, 385.

Note: Fourteen hours of education are required for high school principal's certificate.

THE UNIVERSITY HIGH SCHOOL

The University High School is one unit in the organization of the College of Education in West Virginia University. Its purpose is to furnish facilities for demonstration, observation, and directed teaching. Effective learning requires a mental performance and an actual performance. The University High School provides the opportunities for the actual performance. The directed teaching is permitted only after the student teacher has satisfied a member of the staff of the College of Education that academic and professional knowledge adequate for teaching has been acquired.

Plans for teaching are made, the directed teaching is done, and conferences on the teaching are held under the direct supervision of members of the staff in the College of Education.

The University High School also furnishes a laboratory for students in the College of Education. Experimentation is permitted under guidance by the staff in the College of Education where such experimenting can be conducted without prejudice to the high school pupils.

RECOMMENDATION FOR CERTIFICATE

The College of Education will make all recommendations to the State Department of Education for certification. The applicant or student who expects to apply for certification for school service must assume responsibility for satisfying the requirements, teaching combinations, the number of semester hours in teaching groups, and the constants for certificates.

CERTIFICATION REQUIREMENTS

Graduates of the University may be recommended to the State Superintendent of Public Schools for collegiate, high school principal's, and supervisor's certificates according to the following regulations:

1. The general requirements for the B. S. degree in education must be satisfied (see p. 241).

2. The special requirements for teaching combinations and teaching groups must be met (see pp. 250 to 258).

3. Courses in education for certification must be approved by the College of Education. Only a limited number of courses may be taken in Summer School by regular University students.

4. A minimum of ten semester hours of education must be taken in residence.

5. Candidates for certification must demonstrate their preparation for school service in Education 220 and 224, or (graduate students) in 327.

6. The supervisor's certificate requires a minimum of five hours in administration and supervision.

7. Thirty hours of education are required for a collegiate certificate.

8. The degree of Master of Arts is required for high school principal's certificate (see p. 241).

BUREAU OF RECOMMENDATION

The Bureau of Recommendation, under the direction of the College of Education, has for its aim:

1. To keep a record of the students or alumni of the University who wish to teach, to gather information as to their academic and professional qualifications and personal fitness for school work, and to recommend for vacancies those who seem most likely to prove themselves efficient.

2. To keep a silimar record of alumni who wish to be transferred to other positions.

3. To assist boards of education and other school officials in securing teachers.

Students desiring recommendation for positions as teachers should take at least twenty hours in education. Those desiring recommendation for a position in a normal school or as principal or superintendent of schools should take at least thirty hours in education.

No student is assured of a position. General letters of recommendation are not given to students. Information obtained from professors and others is regarded as confidential. No charge is made for any services rendered. Blanks for registration will be furnished on application. The regular annual enrollment in the Bureau is made the second week of February.

KAPPA DELTA PI

Kappa Delta Pi is a national honorary educational fraternity election to which is conditional upon scholarship and desirable personal qualities.

Alpha Upsilon chapter of West Virginia was installed July 21, 1927.

COURSES OF INSTRUCTION

The courses offered in the College of Education aim to contribute to the educational welfare of the state and to the increasing efficiency of its schools in the following way: (1) to provide courses of instruction and means of study of education as a state function; (2) to direct the academic preparation of students who desire certification for school service; and (3) to furnish appropriate professional preparation to students who desire to qualify for a life career as high school teachers, principals, supervisors, or superintendents of schools.

The courses in education are open only to students of junior, senior, or graduate standing.

The following abbreviations are used in the announcements of courses:

I—a course given during the first semester
II—a course given during the second semester
I, II—a semester course given each semester
Hrs.—number of credit hours per semester

Courses 106, 109, 112, 114, 220 and 224 are required for recommendation for certification. Two hours are elective from courses 229, 231, 233, 236, 238 or 246.

For convenience it is customary to designate the course of study by the name of the department and the number of the particular course. The plan for numbering courses is as follows:

Courses 100 to 199—Courses open to juniors and seniors
Courses 200 to 299—Junior and senior courses open to graduates
Courses 300 to 399—Courses open to graduates only

106. Elements of Educational Psychology. I, II. (3 Hrs.).
Staff.

109. High School Organization and Procedures. I, II. (3 Hrs.).
Staff.

112. Educational Tests and Measures. I, II. (2 Hrs.).
Staff.

114. Advanced Educational Psychology. I, II. (2 Hrs.).
Staff.

116. Materials and Methods of Teaching Agriculture. I, II. (2 Hrs.). Required of students preparing to teach agriculture. First semester for seniors; second semester for juniors.
Assistant Professor PARSONS.

117. **Materials and Methods of Teaching English.** (2 Hrs.).
Professor POLLOCK.

119. **Materials and Methods of Visual Instruction.** I. (2 Hrs.).
Practice in the selection, preparation and use of illustrative materials such as charts, exhibits, blackboards, and various photographic aids desirable in teaching (offered in alternate years; available 1930-31).
Associate Professor ALLEN.

220. **Principles of Teaching in High School.** I, II. (3 Hrs.).
Offered also in the College of Agriculture.
Staff.

222. **Selection and Arrangement of Materials and Methods of Teaching General Science.** I, II. (2 Hrs.).
Associate Professor ALLEN.

224. **Directed Teaching.** I, II. (3 to 5 Hrs.).
Note: Students who take courses 116, 117 or 119 are eligible for only three hours credit in 224. This course is also offered in the College of Agriculture.
Staff.

229. **Advanced Course in Materials and Methods of Teaching English.** I. (2 Hrs.).
Professor POLLOCK.

231. **Philosophy of Education.** I. (3 Hrs.).
Professor DEAHL.

233. **Educational Sociology.** II. (2 or 3 Hrs.).
Professor DEAHL.

236. **Secondary School Program of Studies.** (3 Hrs.).
Associate Professor STEMPLE.

238. **High School Organization.** II. (2 to 3 Hrs.).
Associate Professor STEMPLE.

240. **Supervision of Elementary Instruction.** I. (2 Hrs.).
Assistant Professor CLARK.

246. **Supervision of High School Instruction.** II. (2 Hrs.).
Professor DEAHL.

248. **Graphic Methods in Teaching.** (2 Hrs.).
Staff.

252. **School Administration and Supervision.** I. (2 Hrs.).
Professor HILL.

254. **School Administration and Supervision.** II. (2 Hrs.).
Professor HILL.

256. **Supervision of Rural Schools.** II. (2 to 3 Hrs.).
Associate Professor STEMPLE.

257. **Vocational Education in Rural Secondary Schools.** I. (2 Hrs.).
Assistant Professor PARSONS.

258. **Educational Psychology.** II. (2 to 3 Hrs.).
Associate Professor BOHAN.

260. **Special Methods in Home Economics.** I. (2 to 3 Hrs.).
Parallel courses, Education 220 and 224. Prerequisites: all required home economic courses.
Assistant Professor RICHMOND.

262. **Mental and Physical Measures and Tests.** I. (2 to 4 Hrs.).
Associate Professor BOHAN.

264. **Home Economics Education.** II. (2 Hrs.).
Assistant Professor RICHMOND.

267. **Experimental Education.** I. (3 Hrs.).
Professor HILL.

272. **Statistical Methods Applied to Education.** II. (3 Hrs.).
Associate Professor BOHAN.

275. **Tests and Measures of General Intelligence.** II. (2 to 4 Hrs.).
Professor DEAHL.

281. **History of Education.** I. (2 Hrs.).
Assistant Professor CLARK.

282. **History of Education.** II. (2 Hrs.).
Assistant Professor CLARK.

284. **Extra Curricular Activities.** II. (2 Hrs.).
Staff.

288. **Public School Programs of Studies.** II. (2 to 4 Hrs.).
Professor HILL.

326. **Seminar in Directed Teaching.** I, II. (1 to 3 Hrs.).
Staff.

327. **Directed Teaching and Supervision.** I, II. (2 Hrs.).
Staff.

365. **Construction and Use of Standard Tests.** II. (2 Hrs.).
Associate Professor BOHAN.

366. **High School Pupil Guidance.** I. (2 Hrs.).
Professor POLLOCK.

377. **Physiology and Psychology of Adolescence.** I, II. (2 Hrs.).
Professor POLLOCK.

380. **The Science of Secondary School Teaching and Supervision.** I. (2 Hrs.).
This course must be preceded or accompanied by courses 267, 272, and 275. An analysis and synthesis of the experimental evidence that constitutes the foundations of secondary school instruction and supervision. Critical evaluation of experimental technique; interpretation of experimental results; the implications of the cumulative evidence in the light of aims and content.
Professor HUDELSON.

385. **Problems in Secondary Education.** II. (2 Hrs.).
Prerequisite: 380. Guidance in selecting, planning, and pursuing individual research projects.
Professor HUDELSON.

395. **Seminar.** I, II. (No credit).
Required of all candidates for graduate degrees in education.
Staff.

INDUSTRIAL EDUCATION

100. **Industrial Education.** II. (2 Hrs.).
Professor MACLIN.

103. **Industrial Education.** II. (2 to 3 Hrs.).
Part time education.
Professor MACLIN.

105. **Industrial Education.** II. (2 Hrs.).
Professor MACLIN.

201. **Industrial Education.** II. (2 Hrs.).
Professor MACLIN.

PROGRAM OF PREPARATION AND RECOMMENDATION FOR CERTIFICATION OF HIGH SCHOOL TEACHERS

In preparing this program first consideration has been given to the demands of the teaching positions. The great majority of high school teaching positions are in small high schools where the teacher will be expected to teach in at least two different fields. Moreover many of the teachers in large high schools begin their teaching work in small junior or senior high schools. If teachers are to be adequately prepared to meet the needs of these schools, it becomes necessary therefore in training and certificating them to maintain the following requirements:

1. All persons who are certificated to teach in high schools must be graduates of standard or approved colleges or universities, except as provided for in requirements for the special and provisional high school certificate.

2. All teachers who qualify for a first class high school certificate shall be prepared to teach in at least two subject groups or high school teaching fields; for example, mathematics and physical science. An exception to this requirement is made in the following subjects: home economics, industrial arts, music and fine arts. No person will be certified for teaching in one subject, nor in one field only, nor to teach a single high school subject, except as provided for under special certificates below.

3. Definite combinations of subject groups or teaching fields must be maintained. See approved teaching combinations below.

4. A minimum of work is required in each teaching field for which any applicant is recommended and certificated. See approved curricula in the following pages of this catalogue.

5. Each candidate for a certificate must be recommended by the College of Education. This recommendation will be based upon evidence of satisfactory scholarship, interest in educational work, special professional training and the proper professional attitude. No person will be certified to teach in any subject group whose scholarship in this field does not average B.

TEACHING COMBINATIONS REQUIRED FOR FIRST CLASS HIGH SCHOOL CERTIFICATES

1. Agriculture and biology or any one of the following: industrial arts, physical education or physical science.

2. Biology and agriculture or any one of the following: home economics, mathematics, physical science or social studies.

3. Commerce and English or social studies.

4. English and fine arts or any one of the following: French, German, Latin, music, social studies or Spanish.

5. Fine arts and English, or either home economics or social studies.

6. Home economics and biology or any one of the following: chemistry, fine arts, physical education, or physics.

7. Industrial arts and agriculture or any one of the following: mathematics, physical education or physical science.

8. Mathematics and biology or any one of the following: industrial arts, physical science or social studies.

9. Music and English or any one of the following: modern language, physical education or social studies.

10. Physical science and agriculture or any one of the following: biology, industrial arts, mathematics or social studies.

11. Social studies and biology or any one of the following: commerce, English, fine arts, French, Latin, mathematics or physical science.

12. Special certificates: agriculture, commerce, fine arts, home economics, industrial arts, music or physical education.

Physical education may be taken as a second or third teaching subject with any of the above combinations. The minimum requirement is fifteen semester hours as outlined in the curriculum in the State Manual of Physical Education.

REQUIRED PREPARATION IN TEACHING GROUPS

	Hours
1. For teacher of agriculture	50
2. For teacher of biology and general science	42
3. For teacher of chemistry	25
4. For teacher of chemistry and physics	40
5. For teacher of commerce	36
6. For teacher of English (composition, literature, journalism, public speaking)	40
7. For teacher of fine arts	34
8. For teacher of French (including 2 units of entrance)	20
9. For teacher of home economics	40
10. For teacher of industrial arts	40
11. For teacher of Latin (including 2 units of entrance)	20
12. For teacher of mathematics (including 2 units of entrance and special methods in subject matter)	17
13. For teacher of music	40
14. For teacher of physical education	44
15. For teacher of science (biology, chemistry, physics)	60
16. For teacher of social studies (history, geography, sociology, economics)	44

The requirements for a degree and a certificate are indicated in the curricula below. Each candidate for a degree who desires recommendation by the College of Education for a certificate to teach in the public schools must satisfy the general requirements on page 241 and complete, with grades of B or above, two of the four year curricula on this and following pages of this catalogue. For requirements in education see page 242.

TEACHERS OF AGRICULTURE LEADING TO THE DEGREE OF B. S. AGR.

	Semester Hours
General minimum requirements:*	
1. Agriculture	50
2. Science	
(a) Biological science	20
(b) Physical science	20
Courses in agriculture approved for the training of teachers of agriculture:	
1. Agronomy (including soils)	10
2. Horticulture (including vegetable gardening)	6
3. Animal husbandry (including dairy and poultry)	16
4. Farm management and economics; marketing	8
5. Economic entomology and crop pathology	5
6. Farm mechanics and shop work	5

*Based on 144 semester hours required for graduation. In case of change in this requirement, the credits listed below may be decreased or increased according to the ratio existing between 144 and the new requirement.

TEACHERS OF BIOLOGY AND GENERAL SCIENCE

General minimum requirements:

1. Biology 20
2. Chemistry 8
3. Physics 8
4. Geography and geology 6

Courses in each subject to be selected by the department and College of Education.

TEACHERS OF CHEMISTRY AND PHYSICS

General minimum requirements:

1. Physical sciences:
   1. Chemistry 20
   2. Physics 20
2. Mathematics 6

Courses in each subject to be selected by the department and the College of Education.

TEACHERS OF COMMERCIAL SUBJECTS

General minimum requirements:

1. Business content courses (approved courses listed under B below) 36
2. Social studies:
   1. Industrial history 5
   2. Commercial geography 3

Courses in commerce approved for the training of teachers of commerce:

1. Accounting 6
2. Stenography 6
3. Commercial correspondence 2
4. Secretarial training and office practice 5
5. Commercial law 3
6. Essentials in money, banking, and investments 2
7. Salesmanship 2
8. History of commerce 3
9. Principles of advertising 2
10. Mathematics of accounting and investment 2
11. Commerce:
    (a) Principles of marketing or
    (b) Business administration 3

TEACHERS OF ENGLISH

General minimum requirements:

1. English, journalism, and public speaking 40

Courses in English approved for the training of teachers of English:

Freshman and Sophomore Years—

1. Oral and written composition (Eng. 1 and 2) .....5 or 6
2. Journalism (Journ. 1 or 115) 3
3. Contemporary literature (Eng. 160, 162, 165, 266, or 168 2
4. Bible (Eng. 181 or 182) 2
5. Free reading (English 184) 4
6. Narrative poetry (Eng. 272) Ballads of West Virginia 2
7. Public speaking (Public Speaking 1) 2

Junior and Senior Years—

1. How to illustrate and how to explain (Eng. 13) 2
2. Journalism (Journalism 230) 2
3. American literature (Eng. 165) 2
4. English literature (Eng. 251 and 252)* 4
5. Public speaking (Public Speaking 11) 3
6. World literature (new courses) 3
7. Shakespeare (Eng. 235 or Eng. 242) 3
8. Short story (Eng. 175) 2
9. Study of one literary writer (Eng. 255) 2
10. Play production (Pub. Spk. 133) 2
11. Library (Library Methods 2) 2
12. Public speaking (Pub. Spk. 125) 2
13. Study of English language (Eng. 230) 3

TEACHERS OF FINE ARTS

Approved courses in fine arts and related subjects: 34

Note: In suggesting the following curriculum, it is assumed that one unit of entrance credit has been earned in art in the secondary school.

1. History of art
2. Art appreciation
3. Color
4. Object drawing
5. Figure drawing from posed models
6. Perspective

*The four hours of English literature are to be a study of the periods that connect most closely with high school literature. For example a study of Scott, Tennyson, Dickens, and contemporaries is more valuable than studies of other periods.

7. Constructive design
8. Applied design
9. Costume design
10. Lettering
11. Home projects

TEACHERS OF FRENCH

General minimum requirements:

1. French 20

Courses in French approved for the training of teachers of French. The student must elect 20 hours from the following courses:

1. Advanced grammar and composition 4
2. Phonetics 2
3. Modern French fiction since 1800 3
4. Modern French drama (1830-1920) 3
5. Poetry of the 19th Century 2
6. Literature of the first half of the 17th Century 3
7. Literature of the second half of the 17th century 3
8. Literature of the 18th Century 3
9. French civilization and culture 3
10. Oral French 3
11. General outline of French literature, 1600-1900 2

Two units of entrance credit are required in French.

TEACHERS OF GERMAN

General minimum requirements:

1. German* 20
2. English
   (a) Anglo Saxon 3
   (b) Early Middle English 2
3. History of Teutonic civilization 3

Courses in German approved for the training of teachers of German:

1. Grammar, composition, dictation, spoken German 6
2. Eighteenth Century drama 4
3. Nineteenth Century drama 4
4. Goethe 4
5. Romanticism 3
6. The novel since Goethe 4
7. General historical survey, 1750-1914 4
8. German since 1914 4
9. Scientific German 3

*Two units of high school work required for entrance or ten additional hours of German.

TEACHERS OF HOME ECONOMICS LEADING TO THE B. S. H. E. DEGREE

General minimum requirements:

1. Home economics (including 8 hours of applied art) 40

Courses in home economics approved for the training of teachers of home economics:

1. Foods and nutrition:
   - (a) Food study including laboratory practice in food preparation 8
   - (b) Dietetics 4
2. Textiles and clothing:
   - (a) Textiles 3
   - (b) Clothing selection and construction 7
3. Applied art:
   - (a) Principles of design 4
   - (b) Home planning and furnishing 4
4. Home management:
   - (a) Economics of the household 3
   - (b) Mechanics of the household 3
   - (c) Home management house 2
5. Child care and development 2

Such general subjects as English, chemistry, biology and history should be completed previous to the junior year.

Economics should be completed by the close of the junior year and should be prerequisite or parallel to home management courses.

Chemistry should be prerequisite to all food courses.

Biology and chemistry should be prerequisite to courses in nutrition and dietetics.

TEACHERS OF LATIN

General minimum requirements:

1. Latin (See approved courses listed below) 18
   - (a) Reading Course. In such courses there shall be no fewer than 10 semester hours and not more than 12 semester hours of credit for courses in Cicero's Orations and in Vergil's Aeneid (2 units of entrance credit required).
   - (b) Latin prose composition 2

Courses in Latin approved for the training of teachers of Latin.

First Year—

1. Cicero: Orations
2. Sallust: Conspiracy of Catiline.
3. Prose composition

Second Year—

1. Vergil: Aeneid
2. Cicero's Letters or De Amicitia

Third Year—

1. Livy: History
2. Horace: Odes

Fourth Year—

1. Plautus and Terence: Comedies
2. Prose composition

(A review of the principles, forms and syntax of Latin grammar and their use as illustrated in translation of English sentences into Latin).

TEACHERS OF MATHEMATICS

General minimum requirements:

1. Mathematics (entrance credit 2 units) *17
2. Organization and teaching of mathematics 2

Courses in mathematics approved for the training of teachers of mathematics:

1. Business administration and arithmetic 2
2. Solid geometry 3
3. Plane trigonometry 2
4. College algebra 3
5. Plane analytic geometry 3
6. Introductory calculus 3

SPECIAL TEACHERS AND SUPERVISORS OF MUSIC LEADING TO THE DEGREE OF BACHELOR OF MUSIC

General minimum requirements:

1. Music 40
2. Physics (sound) 4
3. Departmental music 2

Courses in music approved for the training of teachers of music:

1. Ear training 6
2. Sight singing 6
3. Orchestra instruments 6
4. Appreciation 6
5. Harmony 8
6. History of music 6
7. Ensemble playing 2
8. Chorus 2
9. Voice 8
10. Piano 8

*Additional credit for mathematics in high school will reduce this requirement by three hours for each unit.

DIRECTORS OF PHYSICAL EDUCATION

General minimum requirements:	Hours Semester Women	Hours Semester Men
1. Physical education	44	44
2. Music (suitable course to be provided)	2	2
3. Home economics	6	

Courses in physical education approved for the teacher of physical education:

1. Physical Education 1 and 2	2	2
2. Physical Education 11 and 12	2	2
3. History of physical education	2	2
4. Kinesiology	3	3
5. Diagnosis and anthropometry	2	2
6. Medical gymnastics	3	3
7. Organization and administration	2	2
8. Athletic training, first aid, massage, etc.	2	2
9. Athletic Coaching:		
(a) Major and minor sports		2
(b) Intra-mural athletics		2
10. Intra-mural, field and track athletics and athletic games	2	
11. Stunts, tumbling and contests	2	
12. Advanced practices:		
(a) Boxing, wrestling, fencing, swimming, life saving, tumbling, apparatus, etc.		4
(b) National and natural dancing, clogging, folk and athletic dancing	4	
13. Construction and equipment	1	
14. To be selected by institution	3	

Part-Time Director of Physical Education

Teachers who have completed at least fifteen semester hours in physical education and two hours in health education and are qualified for the first class high school certificate, may be certified on this certificate as part time directors of physical education provided the following courses are included in the required 15 hours of physical education:

	Semester Hours
1. Physical Education 1 and 2	2
2. Physical Education 11 and 12	2
3. Intra-mural, field and track athletics, and athletic games (women)	2

4. Stunts, tumbling and contests (women) 2
5. Athletic coaching (men) 4
6. Athletic training 2
7. Construction and equipment 1

After July 1, 1929, teachers who give accredited work in physical education in junior and senior high schools must be certified to teach this subject.

TEACHERS OF PRACTICAL ARTS

General minimum requirements:

1. Industrial arts (see approved courses listed below) 35
2. Summer shop work (actual practice) 5
3. Mathematics 6

Required Courses in Industrial Arts:

1. Woodwork: 8
   (a) Elementary and advanced bench work 4–6
   (b) Elementary and advanced machine and cabinet work 4–6
2. Foundry and pattern making 4
3. Forge work 3
4. Sheet and art metal 4
5. Electric wiring 3
6. Pipe fitting 2
7. Machine shop 5
8. Drawing: 6
   (a) Machine drawing 6
   (b) Architectural drawing 6
   (c) Structural drawing 6

Elective Industrial Arts Courses:

1. Automobile mechanics 8
2. Printing 8
3. Drawing 6–12
4. Plumbing 8
5. Painting and wood finishing 8
6. Storage battery and radio work 8
7. Motor winding and repair 8

Note 1. In these elective courses, not less than two, nor more than the indicated semester hours, will be accepted for the B. S. degree in industrial arts.

Note 2. There may be an allowed substitution of some elective courses for a required course where it can be shown that such substitution is desirable.

TEACHERS OF SOCIAL STUDIES

General minimum requirements:

1. Social studies:
   - (a) History 20
   - (b) Political science 8
   - (c) Economics 5
   - (d) Sociology 5
   - (e) Geography 6

Courses in social studies approved for teachers of social studies.

History:

1. Ancient and medieval civilization 3
2. Modern European history, 1492-1815 3
3. Modern European history, 1815-1927 3
4. American history, 1492-1789 3
5. American history, 1765-1865 3
6. American history, 1877 to present time 3
7. Elective 2

Political science courses approved:

1. State and local government 3
2. National government 3

Economics and sociology approved:

1. Principles of economics 3
2. Economic labor and industrial problems 2
3. Outlines of sociology 3
4. Social pathology 2

Approved courses in geography:

1. Geographic principles 3
2. Geography of North America 3
3. Economic geography of Europe 3

The School of Medicine

Instruction in Medicine

HISTORY AND ORGANIZATION

Regular instruction in subjects preparatory to the study of medicine was first given in West Virginia University in 1871, the "chair of anatomy, physiology, and hygiene" having been established in that year. A curriculum covering the first two years of a standard four year medical course was provided in 1902 and the work was placed in charge of the College of Medicine with a resident faculty of six men. In 1912 the College of Medicine became the School of Medicine. In reorganizing the work in medicine the Board of Regents retained the general character of the curriculum previously offered but provided for a larger faculty, more laboratories and more adequate equipment.

As at present constituted the West Virginia University School of Medicine has its own dean and faculty but confers no degrees in medicine. It is not affiliated with any other college or school of medicine and its students may go where they like to complete their medical studies and receive the degree of M. D.

The work in physical diagnosis and introductory surgery is in charge of practicing physicians, members of the local medical profession.

THE MEDICAL BUILDING

A three-story brick building furnishes room for the classes in medicine.

On the first floor are found the offices of the dean, the offices of the professors of pharmacology and biochemistry, the pharmacological and biochemical laboratories, and a general lecture room. On the second floor are the laboratories for bacteriology and pathology and two laboratories for physiology. On the third floor is a large laboratory for gross anatomy, one for histology, and one large lecture room. Each laboratory is provided with an abundance of light.

LABORATORIES

ANATOMICAL LABORATORY

The anatomical laboratory is equipped with a balopticon for doing projective work, a complete set of imported models of the brain and nervous system, eye, ear, thoracic and abdominal viscera, joints and muscles. There are frozen sections of the body for use in the study of regional anatomy. Each student in gross anatomy has the use of a complete skeleton.

LABORATORY OF HISTOLOGY AND EMBRYOLOGY

The laboratory of histology and embryology has a modern equipment of microscopes and provides microscope illumination with daylight glass for dark days. Each student is assigned a loan set of slides covering the subject matter of the course. The laboratory has also a collection of models of embryos and certain histological structures. A micro-projection apparatus is available. The preparation room is equipped with the necessary apparatus and reagents for making microscopic preparations.

PATHOLOGICAL LABORATORY

The pathological laboratory is equipped with all necessary apparatus for general and special work, including parafine and celloidin microtomes, freezing microtomes, paraffine ovens, microscopes with oil immersion lenses, all necessary stains and chemicals. There is also a projection apparatus with microscope attachment for demonstration purposes. The department possesses a large collection of mounted microscopic sections representing all the pathological processes, and a museum of gross specimens. Surgical material is obtained from the City Hospital.

LABORATORY OF MEDICAL BACTERIOLOGY

The bacteriological laboratory is equipped with all necessary apparatus, such as sterilizers, incubators, glassware, etc. Each student has the use of microscope with oil immersion lens. Special apparatus for bacteriological examination of air, water, milk, and blood is supplied to each student. Material is available for laboratory work in bacteriological diagnosis, such as Widal tests for typhoid, examination of sputum for tubercle bacilli, bacteriological examination of water, etc.

PHYSIOLOGICAL AND BIOCHEMICAL LABORATORIES

The laboratories devoted to the work in physiology are supplied with tables, each accommodating two students who work together. Each table has a complete set of Harvard physiological apparatus which is lent to the student with a charge of breakage only. There are for general use kymographs, apparatus for work in blood pressure and blood counting, hemoglobinometers, charts and models.

The biochemistry laboratory is large and well-equipped. There is a stock room and a laboratory for research in connection with it.

PHARMACOLOGICAL LABORATORY

The pharmacological laboratory is equipped with chemical desks, operating tables, and mechanical kymographs and respiration apparatus for taking continuous records of respiration and blood pressure. Special animal cages are provided to meet the needs of courses 1 and 2. Aside from the general equipment of the laboratory, each group of three students is provided with individual sets of apparatus.

The chemical, botanical, and zoological laboratories of the University are also open to students in the School of Medicine.

LIBRARY AND READING ROOM

The medical library consists of over 3500 bound volumes and many bound journals and reprints. There is a good collection of works on chemistry, anatomy, physiology, pharmacy, zoology, botany, pathology, bacteriology, pharmacology, medicine and surgery. There are bound volumes of the leading scientific journals as well as many of the leading German, French and American journals devoted to the laboratory side of medicine. The medical library occupies a separate room on the first floor of the library building. It is open from 8:00 a. m. to 10:00 p. m. In addition each department has its own collection of books for the use of instructors and students.

WALTER E. DANDY GOLD MEDAL

In 1926 Dean John N. Simpson established the Walter E. Dandy Gold Medal to be awarded to the student of the graduating class who is judged by the faculty to be most excellent.

In making this award the factors of personality, adaptability, as well as percentages in the different courses will be taken into consideration.

This medal was awarded in 1926 to Thomas Tess Callaghan; in 1927 to Warren E. Thomas; and in 1928 to Carl Truman Thompson; in 1929 to Meredith McComas.

ADMISSION TO THE COURSE IN MEDICINE

SECONDARY SCHOOL CREDITS

For admission to the course in medicine the student must have credit for fifteen units of secondary school work, in accordance with the groups outlined on pages 40 and 41.

COURSES PREPARATORY TO THE STUDY OF MEDICINE

In addition to the fifteen units of secondary school credit as listed on the preceding page, the student must have credit for sixty-four hours' work done either in the College of Arts and Sciences of West Virginia University or in another institution of equal grade.

In accordance with the regulations of the American Medical Association and the Association of American Medical Colleges a schedule covering two years of premedical college work has been laid down as shown on pages 65 and 66.

Conditional Admission

Under no circumstances will students be admitted to the course in medicine without having completed fifteen units of secondary school work and sixty hours of college work, including the subjects marked with an asterisk in the schedule, which are required by the American Medical Association; but students who lack the remaining four hours of college work may be admitted to the course conditionally and must find opportunity to remove the condition in our Summer School or elsewhere before enrolling for the second year in the School of Medicine.

Requirements of the Association of American Medical Colleges

The Association of American Medical Colleges, of which the West Virginia University School of Medicine is a member, is organized upon a basis of two years of college work, of not less than sixty hours, exclusive of military. The following are the required subjects, with hours of credit, which constitute the minimum preparation of an acceptable student.

English	6 hours	Chemistry	12 hours (of which 6 must be organic)
Physics	8 hours	Biology	8 hours

and enough electives to make sixty hours.

Students are urged by the association to take psychology, more chemistry and college mathematics, and a year of modern foreign language, preferably French or German.

Many of the medical schools feel that a physician should have a broader training in non-scientific courses, in order that he may be of the greatest usefulness to his community and that this may be attained by extending the pre-medical college work to three years. A small group of colleges requires a four-year college course and a bachelor's degree for entrance.

Junior Year—First Semester

COURSE	Hrs. a Week Lect.	Hrs. a Week Lab.	Hours a Week Lect.	Hours a Week Lab.	Hours a Week Total	PERIODS	Credit
Biochemistry 101	3	10	54	180	234	A. Lab., M., Th. 8-12, S. 8-10 B. Lab., T., F. 8-12, S. 11-1 Lect. W. 9 and 11, S. 10	6
Histology 104	2	8	36	144	180	A. Lab., T., F. 8-12 B. Lab., M., Th., 8-12 Lect., W. 8 and 11	5
Anatomy 101	4	11	72	195	267	M., T., W., Th., F. 2-5	7
Junior Year—Second Semester							
Bacteriology 105	2	8	36	144	180	A. Lab., M., T., Th., 10-12, W. 11-1 B. Lab. T., W., Th., F. 8-10 Lect. M. 8, F. 11	5
Embryology 105 First half of semester	4	8	36	72	108	A. Lab T., W., Th., F. 8-10 B. Lab. M., T., Th. 10-12, W, 11-1 Lect. M. 9, T., Th. 2, F. 10	3
Neurology 103 Second half of semester	4	8	36	72	108	A. Lab. T., W., Th. F. 8-10 B. Lab. M., T., Th. 10-12, W, 11-1	
Anatomy 102	3	6	54	108	162	Lect. M. 9, T., Th. 2, F. 10 M., F. 2-5, W. 3-6	3 3
Physiology 102	1	3	18	54	72	A. Lab. T. 3-6 B. Lab. Th. 3-6 Lect. W. 2	2
Pharmacology 101	..	3	..	54	...	A. Lab. T. 3, B. Lab. Th. 3	1
Senior Year—First Semester							
Pathology 101	3	8	54	144	198	A. Lab. M., W. 2-5, F. 2-4 B. Lab. T., Th. 2-5, F 10-12 Lect. M., T., Th. 10	6
Physiology 103	5	6	90	108	198	Lect. M., T., W., T., F. 9 A. Lab. T., Th. 2-5 B. Lab. M., W. 2-5	7
Pharmacology 103	3	..	54	...	54	Lect Rec, M., W., F. 8	3
Hygiene 106	2	..	36	...	36	Lect. M., W. 11	2
Obstetrics 107	2	..	36	...	36	Lect. T., Th. 11	2
Senior Year—Second Semester							
Pathology 102	1	5	18	90	108	A. Lab. M. 2-5, T. 3-5 B. Lab. W. 2-5, Th. 3-5 Lect. M. 9	3
Pharmacology 102	..	5	..	90	90	A. Lab. M. 2 B. Lab. W. 2 Rec. A. & B., Th. 9-11	2
Pharmacology 104	3	..	54	...	54	Lect. M., T., W. 9	3
Introductory Surgery 101	3	..	54	...	54	Lect. T., W., Th. 11	3
Applied Anatomy 106	2	..	36	...	36	Lect. T., Th. 9	2
Physical Diagnosis 101	2	1	36	36	72	A. Lab. F. 8-10 B. Lab. F. 8-10 C. Lab. F. 8-10 Lect. M., F. 11	2
Theoretical Medicine 102	2	..	36	...	36	A. Sec. M. 2-4 B. Sec. Th. 2-4	2
Physiology 104	1	..	18	...	18	Lect. T. 10	2
Clinical Pathology 103	2	4	36	72	108	Lect. W. 8, F. 10 Lab., Sec. A, F. 1-3, S. 8-10 Lab., Sec. B, F. 3-5, S. 10-12	3

Note: Medical students must take their work in sequence as shown in the schedule. Third and fourth years to be taken in approved medical school.

COURSES IN MEDICINE

For convenience it is customary to designate the course of study by the name of the department and the number of the particular course. The plan for numbering courses is as follows:

Courses 100 to 199—Courses open to juniors and seniors
Courses 200 to 299—Junior and senior courses open to graduates
Courses 300 to 399—Courses open to graduates only

The following abbreviations are used in the announcements of courses:

I—a course given during the first semester
II—a course given during the second semester
I, II—a semester course given each semester
Hrs.—number of credit hours per semester

ANATOMY

Professor S. J. MORRIS, Professor DODDS, Mr. TAYLOR, and Mr. FIELD.

Gross Anatomy and Neurology

101. Gross Anatomy. I. (7 Hrs.).
Required of all first-year medical students. Lectures and recitations 72 hours; laboratory 195 hours.
Professor MORRIS and staff.

102. Gross Anatomy. II. (3 Hrs.).
Required of all first-year medical students. Continuation of course 1. Lectures 54 hours; laboratory 108 hours.
Professor MORRIS and staff.

103. Neurology. II. (3 Hrs.).
Required of all first-year medical students. Lectures, 36 hours; laboratory 72 hours. Prerequisite: histology. Second half of semester.
Professor MORRIS and staff.

106. Applied Anatomy. II. (2 Hrs.).
Required of all second-year medical students. Lectures 36 hours. Prerequisite: Anatomy 101 and 102.
Professor MORRIS.

109. Advanced Anatomy. (Credit to be arranged).
Open to properly qualified students.
Professor MORRIS.

110. **Anatomy of Eye, Ear and Nose.** (Credit to be arranged).
Open to properly qualified students.

Professor MORRIS.

Histology and Embryology

104. **Histology.** I. (5 Hrs.).
Required of all first-year medical students. Lectures 36 hours; laboratory 144 hours.

Professor DODDS and staff.

105. **Embryology.** II. (3 Hrs.).
Required of all first-year medical students. Prerequisite: histology. Lectures 36 hours; laboratory 72 hours.

Professor DODDS and staff.

107. **Advanced Histology.** I, II. (Credit to be arranged).
Open to properly qualified students. Laboratory work and study of current literature.

Professor DODDS.

108. **Advanced Embryology.** I or II. (Credit to be arranged).
Open to properly qualified students.

Professor DODDS.

PATHOLOGY AND BACTERIOLOGY

Professor FENTON, Professor SPRAY, Mr. HESS, and Mr. BONAR.

101. **General Pathology.** I. (6 Hrs.).
Required of second-year medical students. Lectures, demonstrations and laboratory work. Prerequisites: physiological chemistry, histology, physiology, anatomy, and bacteriology.

Professor FENTON and staff.

102. **Pathology of Infectious Granulomas and Tumors.** II. (3 Hrs.).
Required of second-year medical students. Continuation of Pathology 1. Lectures, recitations, and laboratory work. Prerequisite: Pathology 101.

Professor FENTON and staff.

103. **Clinical Pathology.** II. (3 Hrs.).
Required of second-year medical students. A laboratory course in blood, gastric contents, etc., and their pathological and clinical significance. Prerequisite: Bacteriology 105, physiology and biochemistry.

Professor FENTON and staff.

105. **Medical Bacteriology.** II. (5 Hrs.).
Required of first year medical students.
Professor SPRAY and staff.

106. **Hygiene.** I. (2 Hrs.).
Required of second-year medical students.
Professor SPRAY.

207. **Pathology (Special).** I or II. (3 Hrs.).
Prerequisites: Pathology 101 and 102. Microscopic and gross specimens from selected autopsies.
Professor FENTON.

208. **Advanced Bacteriology.** I or II. (Credit to be arranged).
Professor SPRAY.

309. **Experimental Pathology.** I or II. (Credit to be arranged).
Professor FENTON.

PHARMACOLOGY

Professor BONAR, Professor BANCROFT, and Mr. RAFFERTY.

101. **Chemical Pharmacology.** II. (1 Hr.).
Three hours per week (54 hrs.).
Professor BANCROFT and staff.

102. **Pharmacodynamics.** II. (2 Hrs.).
For second-year medical students. Five hours per week (90 hrs.). Conference and demonstrations.
Professor BONAR and staff.

103. **Systematic Pharmacology.** I. (3 Hrs.).
For second-year medical students. Three hours per week (54 hrs.).
Professor BONAR.

104. **Systematic Pharmacology.** II. (3 Hrs.).
Continuation of course. Three hours per week (54 hrs.).
Professor BONAR and staff.

111. **Bio-Assay.**
(Credit according to work done). Open to properly qualified students. Special pharmacodynamics. Hours to be arranged.
Professor BONAR and staff.

112. **Toxicology.** I. (2 Hrs.).
A special course devoted to the study of the methods—chemical and biological—of detecting poisons of medico-legal interests. Prerequisite: Pharmacology 101 and 102. (Total 72 hours).
Professor BANCROFT.

213. **Pharmacology Research.**
Problems open to specially interested students with proper qualifications. Hours to be arranged.
Professor BONAR.

PHYSIOLOGY

Professor VAN LIERE, Associate Professor CRISLER, and Mr. HALL.

101. **Physiology.** II. (4 Hrs.).
Elementary course for pharmacy students.
Associate Professor CRISLER and staff.

102. **Physiology.** II. (2 Hrs.).
Physiology of muscle, nerve and blood.
Professor VAN LIERE and staff.

103. **Physiology.** I. (7 Hrs.).
Physiology of circulation, respiration, digestion, metabolism, secretion, central nervous system and special senses.
Professor VAN LIERE.

104. **Physiology.** II. (1 Hr.).
Physiology of internal secretion.
Associate Professor CRISLER.

105. **Seminar in Physiology.** Yr. (No credit).

306. **Physiology.** I or II. (Hours and credit to be arranged).
Research in physiology, leading to the Master of Science degree.
Professor VAN LIERE, and Associate Professor CRISLER.

BIOCHEMISTRY

Professor BANCROFT and Mr. RAFFERTY.

101. **Biochemistry.** I. (6 Hrs.).
Lectures, 54 hours; laboratory, 180 hours.
Professor BANCROFT and staff.

109. **Seminar in Biochemistry.** II. (2 Hrs.).
Professor BANCROFT.

202. **Chemistry of the Carbohydrates, Fats, and Proteins.** I. (5 Hrs.).
Lectures, two per week. Laboratory, 6 hours per week. Prerequisites: inorganic chemistry, qualitative analysis, and organic chemistry.
Professor BANCROFT.

203. **Chemistry of Digestion, Metabolism ,and Excretion.** II. (5 Hrs.). Lectures, two per week. Laboratory, 6 hours per week.
Professor BANCROFT.

204. **Quantitative Methods of Urine and Blood Analysis.** II. (5 Hrs.). Lectures, two per week. Laboratory, 6 hours per week.
Professor BANCROFT.

205. **Studies in Nutrition and Endocrinology.** II. (2 Hrs.).
Professor BANCROFT.

206. **Biochemical Preparations.** I or II. (3 Hrs.).
Professor BANCROFT.

207. **Biochemical Preparations.** I or II. (3 Hrs.).
Professor BANCROFT.

208. **Research.** I or II. (5 to 10 Hrs.).
Professor BANCROFT.

MEDICINE

Dean SIMPSON, Dr. BRAY, Dr. MCGAW, and Dr. MAXWELL.

101. **Physical Diagnosis.** II. (2 Hrs.).
Required of second-year medical students. An introductory course in the study of the taking of medical histories, and the examination of patients.
Sec. A, Dr. BRAY; sec. B, Dr. MCGAW; sec. C, Dr. MAXWELL.

102. **Theoretical Medicine.** II. (Hrs.).
Recitations upon the more common diseases with the application of the principles taught in course 1.
Dean SIMPSON.

107. **Obstetrics.** I. (2 Hrs.).
Introductory course in obstetrics. Lectures 36 hours.
Professor VAN LIERE.

INTRODUCTORY SURGERY

Dr. PRIDE.

101. **Surgery and Operative Technique.** II. (3 Hrs.).
Required of second-year medical students. Open to graduate students.
Dr. PRIDE.

The Department of Pharmacy

ESTABLISHMENT OF THE DEPARTMENT

In response to the request of the West Virginia State Pharmaceutical Association the Board of Regents in 1914 made provision for instruction in pharmacy. A department of pharmacy was established in the School of Medicine and a two-year course in pharmacy leading to the professional degree of Graduate in Pharmacy (Ph. G.) was offered.

In 1917 additional courses of three and four years, leading to the degrees of Pharmaceutical Chemist (Ph. C.) and Bachelor of Science in Pharmacy (B. S. Pharmacy) were established. The course leading to the Ph. G. degree was discontinued July 1, 1924. The degree of Pharmaceutical Chemist given for three years of pharmaceutical work is recognized by such state boards of pharmacy as require a course in pharmacy preliminary to examination for registration.

The American Pharmaceutical Association in its seventy-sixth annual meeting (1928), went on record as favoring higher standards in pharmaceutical education and recommended adoption of a four-year college course.

The American Association of Colleges of Pharmacy in its 1928 meeting adopted a resolution that member colleges put into effect a four-year minimum course in pharmacy on or before July 1, 1932.

REQUIREMENTS FOR THE PRACTICE OF PHARMACY IN WEST VIRGINIA

In order to be licensed as a pharmacist in West Virginia the candidate must present to the State Board of Pharmacy satisfactory evidence that he has completed the following requirements:

1. The applicant shall be not less than twenty-one years of age and a citizen of the United States.
2. He must present evidence of the completion of fifteen units of secondary school education, i. e., graduation from a standard four-year high school or its equivalent.
3. He must be a graduate from a recognized school of pharmacy holding membership in the American Association of Colleges of Pharmacy.
4. He must present satisfactory evidence that he has had two-years' practical experience in pharmacy under the instruction of a licensed pharmacist.
5. He must pass a satisfactory examination by or under the direction of the State Board of Pharmacy.

In order to be licensed as an assistant pharmacist the candidate must present to the State Board of Pharmacy satisfactory evidence that he has completed the following requirements:

1. The applicant shall not be less than eighteen years of age.

2. He must have credit for fifteen units of secondary school work.

3. He must present evidence of having attended and successfully passed the final examinations of at least one year in a recognized college of pharmacy.

4. He must present satisfactory evidence that he has had at least two years' experience in pharmacy under the instruction of a licensed pharmacist.

5. He must pass a satisfactory examination by or under the direction of the State Board of Pharmacy.

LABORATORIES AND EQUIPMENT

The Department of Pharmacy is located in Woodburn Hall. The equipment for all the courses offered in the department is complete and of the latest design.

PHARMACEUTICAL LABORATORIES

The pharmaceutical laboratories are fully equipped for the manufacture of pharmaceutical preparations and for the performance of pharmaceutical, alkaloidal and toxicological analysis. There are two well-lighted laboratories, approximately thirty feet square, entirely devoted to manufacturing pharmacy. All drugs and chemicals required in the manufacture of pharmaceutical preparations are preserved in glass containers labeled according to the nomenclature of the Pharmacopoeia and National Formulary, and conveniently located on shelves accessible to all students in the laboratory. The laboratories are especially fitted for instruction in manufacturing pharmacy being equipped with a multi-speed centrifuge, with interchangeable heads and trunnion carriers and a bronze basket and copper drip pan for drying crystalline salts, a power driven force feed ointment mill, for the preparation of heavy ointments, paints, tooth pastes and other similar preparations, a pony mixer for the preparation of pastes and creams, a pill mass mixer, a kneading machine, a compressed tablet machine with full set of dies, pill and tablet coating machine, with polishing pan, a drug mill, a ball mill, a rapid sifter with complete set of sieves for the preparation of conspergents and insufflations, and a beater and emulsifying machine for the preparation of lotions, liniments and emulsions of all types. There is a hand-operated piping and troche machine, pressure suppository machine, tablet triturate and hypodermic tablet machine and plates, gelatine-coating apparatus, a laboratory drug mill, electric drying oven and konseal and capsule filling machines.

A prescription laboratory is operated in conjunction with the dispensary of the University health service. Each student is supplied with a full set of pharmaceutical apparatus and glassware necessary for the compounding of prescriptions. Torsion balances, encased in glass, are a part of this regular equipment.

THE MUSEUM OF PHARMACOGNOSY

The pharmacognosy collection consists of approximately four hundred medicinal plants secured from all parts of the world for instruction in materia medica. For instructional purposes several large collections have been arranged. These are (a) a large display collection, (b) a labeled collection for student study, (c) an unlabeled collection for identification, (d) a collection of powdered drugs for the purpose of histological study. The museum is provided with floor cases, tables, charts, maps, photographs and compound microscopes.

PHARMACEUTICAL ASSOCIATIONS

The West Virginia State Pharmaceutical Association

Students of pharmacy are eligible to membership in this organization, which has for its object the improvement of the science and art in pharmacy, the inculcation of the professional spirit and the restriction of the practice of pharmacy to persons properly qualified by education and experience to exercise their art with safety to the public. Address communications to Associate Professor J. Lester Hayman, Morgantown, W. Va.

American Association of Colleges of Pharmacy

The department of pharmacy holds membership in the American Association of Colleges of Pharmacy. The object of the Association is to promote the interests of pharmaceutical education and all institutions holding membership must maintain certain minimum requirements for entrance and graduation. Through the influence of this association higher standards of education have been adopted from time to time, and the fact that several states, by law or by board ruling, recognize these standards of the Association is evidence of this influence.

Pharmacists' Register

A pharmacists' register for the benefit of both the employer and employee has been established by the department of pharmacy. No charge is made for services rendered.

SCHOLARSHIPS AND PRIZES

Lehn and Fink Prizes

Through the generosity of Lehn and Fink, manufacturing chemists of New York City, the department of pharmacy awards each year a prize to the member of the senior class, who, in the opinion of the faculty, attains the highest scholarship. The award is in the form of a gold medal appropriately engraved.

National Association of Drug Clerks Prize

Annual prizes consisting of life membership in the National Association of Drug Clerks, valued at $20 each, are awarded seniors for the highest scholarship attained in the courses of pharmacy, chemistry and materia medica.

The Kappa Psi Prize

The Beta Eta chapter of the Kappa Psi pharmaceutical fraternity awards annually a prize of $10.00 to the first year student of the department who has made the best scholastic record at the end of the first semester.

The Fairchild Scholarship

Mr. Samuel W. Fairchild, of New York City, offers a scholarship annually amounting to $300.00 in cash, to the high school graduates of the United States who wish to follow pharmacy as a vocation. Competitors for this scholarship must have had a four-year high school course, must signify their intention of continuing the study of pharmacy, and must take an examination in elementary chemistry, elementary materia medica, practical pharmacy, prescription reading, and elementary business knowledge. The examination will be held annually at the University on the second Monday in June.

State Pharmaceutical Association Prize

The West Virginia State Pharmaceutical Association offers to the student making the best set of drawings in Pharmacy 14, a set of over one hundred and seventy crude drugs, in separate boxes contained in a large cabinet. Each box is labelled with the correct Latin title, common names and habitat. This prize is valuable to the student of pharmacy and especially so in the study of pharmacognosy.

ADMISSION TO THE DEPARTMENT OF PHARMACY

SECONDARY SCHOOL CREDITS

For admission to the course in pharmacy the student must have credit for fifteen units of secondary school work. For a complete statement of group requirements see pages 39 to 41.

CURRICULA IN PHARMACY

THREE-YEAR COURSE

Professional Degree of Pharmaceutical Chemist (Ph. C.).

For the completion of the three-year course the degree of Pharmaceutical Chemist (Ph. C.) is awarded. Completion of this curriculum requires six semesters or the equivalent, and the earning of 106 credit hours. The course is designed primarily for those who intend to enter the field of commercial pharmacy. The program of studies provides a training in pharmacy, chemistry, pharmacology, bacteriology and other related subjects of which 1,138 hours are devoted to lectures and recitations and 1,890 hours to laboratory work.

First Year—First Semester

English 1	8:00 M., W., F	3
Botany 6	8:00 T. Th., 2:00–5:00 T., Th.	4
Pharmacy 1	9:00 T., Th	2
Pharmacy 2	9:00 M., W., F.	3
Chemistry 3	11:00 M., W., F., 2:00–4:00 M., F	4
Physical Education 1	10:00 T., Th.	1
		17

First Year—Second Semester

English 2	8:00 M., W., F.	3
Pharmacy 3	9:00 T., Th.	2
Pharmacy 13	9:00 M., W., F.	3
Pharmacy 14	11:00 T., 2:00–5:00 T., Th.	3
Chemistry 4	11:00 M., W., F., 2:00–4:00 M., F.	4
Pharmacy 12	10:00 T., Th.	2
Physical Education 2	8:00 T., Th.	1
		18

Second Year—First Semester

Pharmacy 4	10:00 T., Th.	2
Pharmacy 5	2:00–5:00 T., Th., 9:00–12:00 S.	3
Pharmacy 10	9:00–12:00 M., F.	2
Pharmacy 15	8:00 M., T., W., Th., F.	5
Chemistry 5	2:00 M., W., F.	4
		16

Second Year—Second Semester

Pharmacy 6	8:00 M., T., Th., F.	4
Pharmacy 7	2:00–5:00 T., Th.	2
Pharmacy 122	9:00 M., W., F.	3
Physiology 101	10:00 M., W., F., 2:00–5:00 W.	4
Chemistry 6	2:00–5:00 M., F., 9:00–12:00 T., Th., S.	5
		18

Third Year—First Semester

Pharmacy 8	11:00 T., Th., S.	3
Pharmacy 11	2:00-5:00 W.	1
Pharmacy 120	10:00 M., T., W., Th., F.	5
Bacteriology 105	8:00-10:00 M., T., W., Th., F.	5
Chemistry 233	11:00 M., W., F., 2:00–5:00 T., Th.	5
		19

Third Year—Second Semester

Pharmacy 109	8:00 W., 2:00–5:00 T., Th., 9:00–12:00 S.	4
Pharmacy 116	11:00 F., 2:00–5:00 M., W., F.	4
Pharmacy 119	9:00 M., T., Th., F.	4
Pharmacy 121	11:00 T., Th.	2
Elective		2
		16

FOUR-YEAR COURSE

Professional Degree of Bachelor of Science in Pharmacy (B. Sc. Phar.)

The four-year course is a combined academic and professional course including one hundred and thirty-nine semester hours of work as shown in the following curriculum.

First Year—First Semester

English 1	8:00 M., W., F.	3
Pharmacy 1	9:00 T., Th.	2
Pharmacy 2	9:00 M., W., F.	3
Botany 6	8:00 T., Th., 2:00–5:00 T., Th.	4
Chemistry 3	11:00 M., W., F., 2:00–4:00 M., F.	4
Physical Education 1	10:00 T., Th.	1
		17

First Year—Second Semester

English 2	8:00 M., W., F.	3
Pharmacy 3	9:00 T., Th.	2
Pharmacy 13	9:00 M., W., F.	3
Pharmacy 14	11:00 T., 2:00–5:00, T., Th.	3
Chemistry 4	11:00 M., W., F., 2:00–4:00 M., F.	4
Pharmacy 12	10:00 T., Th.	2
Physical Education 2	8:00 T., Th.	1
		18

Second Year—First Semester

Pharmacy 4	10:00 T., Th.	2
Pharmacy 5	2:00–5:00 T., Th., 9:00–12:00 S.	3
Pharmacy 15	8:00 M., T., W., Th., F.	5
Chemistry 5	2:00-5:00 M., W., F.	4
French or German	9:00 or 11:00 M., W., F.	3
		17

Second Year—Second Semester

Pharmacy 6	8:00 M., T., Th., F.	4
Pharmacy 7	2:00-5:00 T., Th.	2
Mathematics 3	11:00 M., W., F.	3
French or German	2:00 M., W., F.	3
Chemistry 6	2:00-5:00 M., W., F., 9:00-12:00 T., Th.	5
		17

Third Year—First Semester

Physics 1	8:00 M., W., F.	3
Physics 3	Hours arranged	1
Mathematics 4	8:00 T., Th.	2
Economics 1	9:00 M., W., F.	3
Chemistry 233	11:00 M., W., F., 2:00-5:00 T., Th.	5
Elective		3
		17

Third Year—Second Semester

Physics 2	2:00 M., W., F.	3
Physics 4	Hours arranged	1
Pharmacy 122	9:00 M., W., F.	3
Economics 2	9:00 T., Th., S.	3
Physiology 101	10:00 M., W., F., 2:00-5:00 W.	4
Elective		3
		17

Fourth Year—First Semester

Pharmacy 108	11:00 T., Th., S.	3
Pharmacy 11	2:00-5:00 W.	1
Pharmacy 120	10:00 M., T., W., Th., F.	5
Bacteriology 105	8:00-10:00 M., T., W., Th., F.	5
Hygiene 106	11:00 M., W.	2
Elective	(See Pharmacy 125)	
		16

Fourth Year—Second Semester

Pharmacy 109	8:00 W., 2:00-5:00 T., Th., 9:00-12:00 S.	4
Pharmacy 116	11:00 F., 2:00-5:00 M., W., F.	4
Pharmacy 119	9:00 M., T., Th., F.	4
Pharmacy 121	11:00 T., Th.	2
Elective	(See Pharmacy 125)	4
		18

ELECTIVE COURSES

Note: All electives must be approved by the adviser before election.

FIRST SEMESTER: Bacteriology 4, Biochemistry 101, Business Administration 121, 125, 126, and 141, Chemistry 107, 211, 339, 251, and 63, Economics 111, French 1, German 1 and 21, Mineralogy 2, Pharmacy 117, 123, 124, and 125, and Zoology 1.

SECOND SEMESTER: Bacteriology 8, Business Administration 122, Botany 214, Chemistry 208, 214, 238, 340, 252, 260, 262, and 274, Chemical Engineering 201 and 202, French 2, German 2 and 22, Journalism 113, Mineralogy 2, Pharmacy 118, 123, 124, and 125, Physics 116, Zoology 2, and Psychology 1, 10, and 12.

COURSES IN PHARMACY

The following abbreviations are used in the announcements of courses:

I—a course given during the first semester
II—a course given during the second semester
I, II—a semester course given each semester
Hrs.—number of credit hours per semester

Plan for Numbering Courses

For convenience it is customary to designate the course of study by the name of the department and the number of the particular course. The plan for numbering courses is as follows:

Courses 1 to 99—Courses open to freshmen and sophomores
Courses 100 to 199—Courses open to juniors and seniors
Courses 200 to 299—Junior and senior courses open to graduates
Courses 300 to 399—Courses open to graduates only

PHARMACY

Professor BERGY, Associate Professor HAYMAN, and Mr. GEILER.

1. **Theoretical Pharmacy.** I. (2 Hrs.).
Lectures and recitations. (36 hours).
Mr. GEILER.

2. **Pharmaceutical Arithmetic and Stoichiometry.** I. (3 Hrs.).
Lectures and recitations. (54 hours).
Mr. GEILER.

3. **Advanced Pharmaceutical Arithmetic.** II. (2 Hrs.).
Continuation of Pharmacy 2. Lectures and recitations (36 hours).
Mr. GEILER.

4. **Operative Pharmacy Lectures.** I. (2 Hrs.).
Lectures and recitations (36 hours). Prerequisites: Pharmacy 1, 2, and 3.

Mr. GEILER.

5. **Operative Pharmacy Laboratory.** I. (3 Hrs.).
This course is carried on in conjunction with Pharmacy 4. Laboratory (154 hours).

Mr. GEILER.

6. **Manufacturing Pharmacy Lectures.** II. (4 Hrs.).
Lectures and recitations. (72 hours). Prerequisites: Pharmacy 4 and 5.

Professor BERGY.

7. **Manufacturing Pharmacy Laboratory.** II. (2 Hrs.).
Laboratory (100 hours). Prerequisites: Pharmacy 4 and 5.

Professor BERGY.

10. **Commercial Pharmacy.** I. (2 Hrs.).
Laboratory (100 hours).

Associate Professor HAYMAN.

12. **Pharmaceutical Latin.** II. (2 Hrs.).
Lectures and recitations (36 hours).

Associate Professor HAYMAN.

13. **Pharmaceutical Chemistry.** II. (3 Hrs.).
Lectures and recitations (54 hours).

Professor BERGY.

14. **Microscopy.** II. (3 Hrs.).
Lectures and recitations (18 hours), laboratory (100 hours).

Associate Professor HAYMAN.

108. **Prescriptions and Incompatibilities.** I. (3 Hrs.).
Lectures and recitations (54 hours). Prerequisites: Pharmacy 1, 2, 3, 4, 5, 6, and 7.

Associate Professor HAYMAN.

109. **Assay and Pharmaceutical Testing.** II. (4 Hrs.).
Lectures (18 hours.) Laboratory (150 hours). Prerequisites: Chemistry 5, 6, and 36.

Mr. GEILER.

111. **Prescription Practice.** I. (1 Hr.).
Laboratory (50 hours). Prerequisites: Pharmacy 4, 5, 6, 7 and 8.

Associate Professor HAYMAN.

115. **Pharmacognosy.** I. (5 Hrs.).
Lectures and recitations (90 hours).

Associate Professor HAYMAN.

116. **Organic Analysis.** II. (4 Hrs.).
Lectures (18 hours); laboratory (160 hours).
Associate Professor HAYMAN.

117. **Food and Drug Analysis.** I. (2 to 5 Hrs.).
A graded course of lectures and laboratory work with collateral reading. Prerequisites: Chemistry 5, 6, 233. Laboratory (100-250 hours).
Professor BERGY and Associate Professor HAYMAN.

118. **Food and Drug Analysis.** II. (2 to 5 Hrs.).
A continuation of Pharmacy 117. Laboratory (100-250 hours).
Professor BERGY and Associate Professor HAYMAN.

20 COURSES OF INSTRUCTION

119. **U. S. P. and N. F.** II. (4 Hrs.).
Recitations (72 hours).
Associate Professor HAYMAN.

120. **Pharmacology.** I. (5 Hrs.).
Lectures and recitations (90 hours).
Professor BERGY.

121. **Advanced Pharmaceutical Chemistry.** II. (2 Hrs.).
The synthetics. Lectures and recitations. (36 hours).
Professor BERGY.

122. **Commercial Pharmacy.** II. (3 Hrs.).
Lectures and recitations. (54 hours).
Mr. GEILER.

123. **Advanced Microscopy.** I or II. (Hours arranged).
Laboratory. Open to students only upon permission of instructor.
Associate Professor HAYMAN.

124. **Pharmaceutical Research.** I or II. (2 to 5 Hrs.).
Students must obtain permission of instructor before electing this course.
Professor BERGY, Associate Professor HAYMAN and Mr. GEILER.

125. **Practical Compounding and Dispensing.** I or II. (1 to 3 Hrs.).
Student health service pharmacy. Elective for students who have had or are taking Pharmacy 108, and Pharmacy 111.
Professor BERGY and staff.

The School of Music

BUILDING AND EQUIPMENT

The school is located in a separate building containing five studios and class rooms, and eight practice rooms.

The equipment consists of thirteen upright and eight grand pianos, and a three manual tubular pneumatic pipe organ located in Commencement Hall.

CONCERTS AND RECITALS

STUDENT CONCERTS

Each week, students as they are prepared, appear in a preliminary concert before faculty members.

Those giving satisfactory performances appear in a monthly public concert. These concerts vary in grade from elementary to graduate and post-graduate recitals. The object is to afford opportunity for the students to apply in public the proficiency that has been developed in the studio.

SCHOOL OF THE AIR

The School of Music is "on the air," station WMMN, every Tuesday, 4:10 to 4:30 P. M.

THE UNIVERSITY CHOIR

This organization has been in existence for twenty years under the present director. It is open to all students who can sing a part. It functions as a choral society. It is the custom each year to study some great choral work and produce it. Miscellaneous programs are also given.

THE UNIVERSITY ORCHESTRA

The University Orchestra is open to all students who are proficient in the use of some orchestral instrument. A thorough drill is given in ensemble playing and members gain an insight into the higher forms of orchestral music. Rehearsals are held weekly and a credit of one hour per semester is granted.

An annual concert is given, besides other appearances during the year.

GENERAL REGULATIONS

Students may enter the school of Music at any time, but it is greatly to their interest to enter, as far as possible, at the beginning of the semester.

Tuition is to be paid in advance at the office of the financial secretary, the receipt to be shown to the instructor when lesson periods are assigned.

Students entering within the first two weeks of a semester will be charged for the full semester; after that time, for the remainder of the semester and one week additional.

There is no deduction made for lessons missed by students except in case of prolonged illness, when the loss is divided equally between the student and the school.

Students of the School of Music are not allowed to take part in public programs or to join musical organizations without the consent of their respective teachers and the director of the school.

All music students are expected to attend the regular students' recitals, and to take part in them whenever so assigned, and to attend all concerts given under the auspices of the University. Absence from student concerts will be treated as a "cut" in a major subject. They are expected to identify themselves with the various organizations of the school, and are required to enter any to which they are assigned by the director.

It is expected that all students will take sufficient work—literary or musical or both—to occupy their entire time.

REQUIREMENTS FOR ADMISSION

No student can register for any courses in music for credit toward any degree (A. B. or B. M.) without passing an examination in solfeggio, or demonstrating to the satisfaction of the head of the department the ability to read music of moderate difficulty, and giving evidence of the mastery of the elements of music.

Students desiring to enter the course leading to the degree of Bachelor of Music must have credit for fifteen units of secondary school work, that is, the work of a standard four year high school with the same groups as are required for entrance to the College of Arts and Sciences. In addition to the fifteen units, students must also have a fairly quick sense of rhythm and tune, an acceptable singing voice, and the ability to read at sight vocal music of moderate difficulty. They must also have completed two years of piano study.

REQUIREMENTS FOR DEGREE

Only one baccalaureate degree is regularly conferred in the School of Music—that of "Bachelor of Music," in Public School Music, Voice, Piano, Violin or Pipe Organ.

AMOUNT OF WORK REQUIRED

No student is permitted to register for less than 14 hours, nor more than 18 hours work in any one semester, nor for more than 34 hours in any one year. (Any exception to this rule will be permitted *only* with the approval of the Scholarship Committee).

The "Bachelor of Music" degree in the School of Music is conferred upon any student who complies with the general regulations of the University concerning degrees, satisfies all entrance and departmental requirements, and secures credit for the required number of semester hours and the required number of honor points.

Fewer than 6 hours credit in an ancient or modern language will not be counted toward any degree, diploma or certificate in the School of Music unless work in the same language has been offered for entrance.

HONOR POINTS

The quality of a student's work shall be indicated by *honor points* according to the following plan.

The grade of *A* carries 3 honor points per credit hour.
The grade of *B* carries 2 honor points per credit hour.
The grade of *C* carries 1 honor point per credit hour.
The grade of *D* carries 0 honor points per credit hour.
The grade of *F* carries –1 honor point per credit hour.

(The penalty of –1 honor point cannot be removed by repeating the course with a passing grade).

The student must receive at least as many honor points as credits (136) in order to be eligible for graduation.

A student may decrease the total number of hours required for graduation by doing work of a superior quality. For each fifteen honor points in excess of one honor point per credit, the required number of credits for graduation shall be decreased by one. This regulation is based on the well known fact that students of high scholarship have accomplished more than those who have poor records. It applies only to the total number of credits required not to specific requirements. In no case may a student decrease the total number of hours by a number to exceed the number of electives allowed in his course.

CURRICULUM IN APPLIED MUSIC

Leading to the Degree of Bachelor of Music

(PIANO, VIOLIN OR PIPE ORGAN)

Freshman Year

First Semester		Second Semester	
Piano, violin or organ	2 hours	Piano, violin or organ	2 hours
English 1	3 hours	English 2	3 hours
French, German or Italian	3 hours	French, German or Italian	3 hours
Harmony 1	3 hours	Harmony 2	3 hours
Ear Training 75	3 hours	Ear Training 76	3 hours
Sight Playing 132	1 hour	Sight Playing 133	1 hour
Physical Education or Military Science	1 hour	Physical Education or Military Science	1 hour
		Electives	2 hours
	16 hours		18 hours

Sophomore Year

First Semester		Second Semester	
Piano, violin or organ	2 hours	Piano, violin or organ	2 hours
Sight Singing 73	3 hours	Sight Singing 74	3 hours
French, German or Italian	3 hours	French, German or Italian	3 hours
Harmony 103	2 hours	Harmony 104	2 hours
Public Speaking	3 hours	Public Speaking	3 hours
History of Music 105	2 hours	History of Music 106	2 hours
Physical Education or Military Science	1 hour	Physical Education or Military Science	1 hour
		Electives	2 hours
	16 hours		18 hours

Junior Year

First Semester		Second Semester	
Piano, violin or organ	2 hours	Piano, violin or organ	2 hours
Music Appreciation 179	3 hours	Music Appreciation 180	3 hours
History of Music 107	2 hours	History of Music 108	2 hours
French, German or Italian	2 hours	French, German or Italian	2 hours
Harmony 113	1 hour	Harmony 114	1 hour
Education 131, 6, or 20	3 hours	Science	4 hours
Teaching of Piano 134	1 hour	Teaching of Piano	1 hour
Electives	3 hours	Electives	2 hours
	17 hours		17 hours

Senior Year

First Semester		Second Semester	
Piano, violin or organ	2 hours	Piano, violin or organ	2 hours
Counterpoint 109	2 hours	Counterpoint 110	2 hours
Analysis 111	2 hours	Analysis 112	2 hours
French, German or Italian	2 hours	French, German or Italian	2 hours
Ensemble	1 hour	Ensemble	1 hour
Teaching of Piano 136	1 hour	Teaching of Piano 137	1 hour
Electives	7 hours	Graduation Recital	2 hours
		Electives	5 hours
	17 hours		17 hours

Note: Students majoring in instrumental music, will be required to take at least four hours of voice or some instrument other than their major during their junior and senior years.

Note: Not more than four electives may be offered from music courses.

CURRICULUM IN APPLIED MUSIC

Leading to the Degree of Bachelor of Music

(VOICE)

Freshman Year

First Semester		Second Semester	
Voice	2 hours	Voice	2 hours
Piano	2 hours	Piano	2 hours
English 1	3 hours	English 2	3 hours
Sight Singing 73	3 hours	Sight Singing 74	3 hours
Ear Training 75	3 hours	Ear Training 76	3 hours
Italian 1	3 hours	Italian 2	3 hours
Physical Education or Military Science	1 hour	Physical Education or Military Science	1 hour
	17 hours		17 hours

Sophomore Year

First Semester		Second Semester	
Voice	2 hours	Voice	2 hours
Piano	2 hours	Piano	2 hours
Harmony 1	3 hours	Harmony 2	3 hours
English 3	3 hours	English 4	3 hours
Public Speaking	3 hours	Public Speaking	3 hours
Physics	4 hours	Electives	2 hours
Physical Education or Military Science	1 hour	Physical Education or Military Science	1 hour
	18 hours		16 hours

Junior Year

First Semester		Second Semester	
Voice	2 hours	Voice	2 hours
Harmony 103	2 hours	Harmony 104	2 hours
History of Music 105	2 hours	History of Music 106	2 hours
History of Music 107	2 hours	History of Music 108	2 hours
Appreciation 179	3 hours	Appreciation 180	3 hours
Choir	1 hour	Choir	1 hour
German or French	3 hours	German or French	3 hours
Electives	2 hours	Electives	2 hours
	17 hours		17 hours

Senior Year

First Semester		Second Semester	
Voice	2 hours	Voice	2 hours
Harmony 113	1 hour	Harmony 114	1 hour
Counterpoint 109	2 hours	Counterpoint 110	2 hours
Analysis 111	2 hours	Analysis 112	2 hours
Education 131, 6 or 20	3 hours	Graduation Recital	2 hours
German or French	6 hours	German or French	6 hours
Choir	1 hour	Elective	1 hour
		Choir	1 hour
	17 hours		17 hours

Note: Electives must be from courses other than music courses.

CURRICULA IN PUBLIC SCHOOL MUSIC

There are two curricula offered in public school music:

1. A four-year curriculum leading to the degree of Bachelor of Music.

2. A four-year curriculum for teachers of music with a second teaching subject leading to a special teacher's certificate.

CURRICULUM LEADING TO THE DEGREE OF BACHELOR OF MUSIC

Candidates for the degree of Bachelor of Music must offer one hundred and thirty-six hours' credit for courses as set forth below. No student is permitted to register for less than fourteen or more than seventeen hours' work in any one semester.

Freshman Year

First Semester		Second Semester	
Sight Singing 73	3 hours	Sight Singing 74	3 hours
Orchestra 92	1 hour	Psychology	3 hours
Voice 1	1 hour	Voice 2	1 hour
Piano 24	1 hour	Piano 25	1 hour
Modern Language	3 hours	Modern Language	3 hours
Physics	4 hours	Public Speaking	2 hours
English 1	3 hours	English 2	3 hours
Physical Education	1 hour	Physical Education	1 hour
	17 hours		17 hours

Sophomore Year

First Semester		Second Semester	
Music Appreciation 77	2 hours	Music Appreciation 78	2 hours
Ear Training 75	3 hours	Ear Training 76	3 hours
Harmony 101	3 hours	Harmony 102	3 hours
Voice 3	1 hour	Voice 4	1 hour
Piano 26	1 hour	Piano 27	1 hour
Modern Language	3 hours	Modern Language	2 hours
English 3	3 hours	English 4	3 hours
Physical Education	1 hour	Orchestra 93	1 hour
		Physical Education	1 hour
	17 hours		17 hours

Junior Year

First Semester		Second Semester	
Child Voice 181	2 hours	Directed Teaching 190	2 hours
Methods and Materials	4 hours	Methods and Materials	4 hours
Music Appreciation 179	3 hours	Music Appreciation 180	3 hours
Harmony 103	2 hours	Public Speaking	2 hours
Orchestra 194	1 hour	Orchestra 195	1 hour
Voice 105a	1 hour	Voice 105b	1 hour
Piano 128a	1 hour	Piano 128b	1 hour
Modern Language	2 hours	Modern Language	2 hours
Physical Education	1 hour	Physical Education	1 hour
	17 hours		17 hours

Senior Year

First Semester		Second Semester	
Departmental Music 188	2 hours	Music Supervision 186	2 hours
Directed Teaching 191	2 hours	Ensemble	1 hour
History of Music 105	2 hours	History of Music 106	2 hours
History of Music 107	2 hours	Public Speaking	2 hours
Orchestra 196	1 hour	Chorus	1 hour
Chorus	1 hour	Voice 106b	1 hour
Voice 106a	1 hour	Piano 129b	1 hour
Piano 129a	1 hour	Education	3 hours
Education	3 hours	Electives	4 hours
Electives	2 hours		
	17 hours		17 hours

Note: The courses in English, education, modern languages, public speaking and physics are taken in the College of Arts and Sciences. Electives may be chosen from any of the music courses not included in the required work, or from the courses in science, mathematics, education, history, or modern language. An entering student who cannot qualify for grade 24 in piano will be considered a preparatory student until this deficiency has been overcome, unless he can meet an equal standard in some other field of applied music which he intends to pursue in place of piano. The student must satisfactorily complete the work of course 29 in piano, and course 6 in voice. Where a student excels in some instrument other than piano, exceptions may be made in the amount of piano required at the discretion of the head of the department. All candidates for the degree must appear in a graduation concert.

Note: At least one year of practice teaching and one year of practice supervision are required in the courses leading to a certificate in public school music. Observation and practice teaching are conducted under the personal supervision of the head of the department of public school music. Credit is not granted for this work until the student has satisfied the head of the department as to his skill in teaching.

CURRICULUM FOR TEACHERS OF MUSIC WITH A SECOND TEACHING SUBJECT

Freshman Year

First Semester		Second Semester	
Sight Singing 73	3 hours	Sight Singing	3 hours
Ear Training 75	3 hours	Ear Training 76	3 hours
English 1	3 hours	English 2	3 hours
Physics	4 hours	History of Music 106	2 hours
Orchestra 92	1 hour	History of Music 108	2 hours
Voice	1 hour	Voice	1 hour
Piano	1 hour	Piano	1 hour
Physical Education	1 hour	Physical Education	1 hour
		Orchestra 194	1 hour
	17 hours		17 hours

Sophomore Year

First Semester		Second Semester	
Modern Language	3 hours	Modern Language	3 hours
English 3	3 hours	English 4	3 hours
Appreciation 179	3 hours	Appreciation 180	3 hours
History of Music 106	2 hours	Psychology	3 hours
Public Speaking	3 hours	Chorus	1 hour
Physical Education	1 hour	Orchestra 195	1 hour
Voice	1 hour	Orchestra 196	1 hour
Piano	1 hour	Voice	1 hour
		Piano	1 hour
	17 hours		17 hours

Junior Year

First Semester		Second Semester	
Materials and Methods	4 hours	Materials and Methods	4 hours
Directed Teaching	1 hour	Directed Teaching	1 hour
Harmony	3 hours	Harmony	3 hours
Education	3 hours	Education	3 hours
Modern Language	2 hours	Modern Language	2 hours
Orchestra 197	1 hour	Chorus	1 hour
Piano	1 hour	Piano	1 hour
Voice	1 hour	Voice	1 hour
Physical Education	1 hour	Physical Education	1 hour
	17 hours		17 hours

Senior Year

First Semester		Second Semester	
Second Teaching Subject	10 hours	Second Teaching Subject	10 hours
Departmental Music	1 hour	Departmental Music	1 hour
Directed Teaching	1 hour	Education	2 hours
Physical Education	1 hour	Piano	1 hour
Piano	1 hour	Voice	1 hour
Voice	1 hour	Electives	2 hours
Electives	2 hours		
	17 hours		17 hours

DEPARTMENTS OF INSTRUCTION

Strict adherence to a fixed list of studies is not required. The needs of the individual student are considered and the studies varied accordingly. An idea of the work covered in the different classes may be obtained from the following announcements of courses. Unless otherwise stated each two-hour credit course will consist of two one-hour recitation periods each week with the requisite amount of practice and study (not less than four hours weekly).

The following abbreviations are used in the announcements of courses:

I—a course given during the first semester
II—a course given during the second semester
I, II—a semester course given each semester
Hrs.—number of credit hours per semester

For convenience it is customary to designate the course of study by the name of the department and the number of the particular course. The plan for numbering courses is as follows:

Courses 1 to 99—Courses open to freshmen and sophomores
Courses 100 to 199—Courses open to juniors and seniors

VOICE

Director BLACK, Mrs. DILLE, and Miss FULLER.

1. **First Year Course.** I, II. (2 Hrs.).
Technique; scales, arpeggios, etc., vocalises, Panofka and Concone. Simple songs in Italian.
Mrs. DILLE and Miss FULLER.

2. **First Year Course.** I, II. (2 Hrs.).
Technique; vocalises, Vaccai and Marchesi. Simple songs in Italian and English.
Mrs. DILLE and Miss FULLER.

3. **Second Year Course.** I, II. (2 Hrs.).
Technique; scales, Lutgen, Concone, etc., Songs in Italian and English.
Mrs. DILLE and Miss FULLER.

4. **Second Year Course.** I, II. (2 Hrs.).
Technique; scales, arpeggios, etc., Lamperti, Panofka, etc. Ensemble; duets, trios and quartets.
Mrs. DILLE and Miss FULLER.

105. **Third Year Course.** I, II. (2 Hrs.).
Technique; Bona, Lutgen, Concone, Bordogni, etc. Arias from standard grand operas.

Director BLACK and staff.

106. **Third Year Course.** I, II. (2 Hrs.).
Technique; Arias from standard oratorios. Ensemble.

Director BLACK and staff.

107. **Fourth Year Course.** I, II. (2 Hrs.).
Technique; Lamperti, Concone, Aprile, etc. Continuation of Arias, oratorios, etc.

Director BLACK.

108. **Fourth Year Course.** I, II. (2 Hrs.).
Graduation Recital Program.

Director BLACK.

109. **Choir.** Yr. (2 Hrs.).
University Choir.

Director BLACK.

110. **Choir.** Yr. (2 Hrs.).
University Choir—second year.

Director BLACK.

111. **Glee Club.** Yr. (2 Hrs.).

Director BLACK.

PIANO

Mr. SHEPARD, Miss MOORE, Mrs. SNEE, Miss BUTMAN and Mrs. CUNNINGHAM.

Elementary work in piano is offered for those who are not sufficiently advanced to take up the collegiate courses.

It is impossible to give a list of studies and pieces to be strictly adhered to, as the needs of the individual student must be considered. The material outlined, however, will give an idea of the work covered in the different courses.

24. **Intermediate Course.** I, II. (2 Hrs.).
Heller, op. 47, Czerny, op. 299, Books 1 and 2, Bach easier compositions (little preludes and fuges), easier two-part inventions). Sonatinas, rondos, etc., by Clementi, Kuklak, Dussek, Hummel, Reinecke, Raydn, Mozart, Beethoven. Pieces selected to meet the requirements of the student.

Mr. SHEPARD and staff.

25. **Intermediate Course.** I, II. (2 Hrs.).
Continued study of the sonatinas, rondo and dance forms preparatory to the study of the standard sonatas.

Mr. SHEPARD and staff.

26. **Intermediate Course.** I, II. (2 Hrs.).
Prerequisite: Course 25. Czerny, op. 299, Books 3 and 4; Heller, op. 16, 45 and 46; Krause Trill Studies; Berens left hand studies; Bach two-part inventions; easier Cramer studies. Sonatas and variations by Haydn, Mozart, easier sonatas by Beethoven. Appropriate selections from classic and modern composers.

Mr. SHEPARD and staff.

27. **Intermediate Course.** I, II. (2 Hrs.).
A continuation of the study of the classics, stressing the works of Mozart, Bach, Haydn and the earlier compositions of Beethoven.

Mr. SHEPARD and staff.

128. **Intermediate Course.** I, II. (2 Hrs.).
Prerequisite: Course 27. Cramer studies (continued). Bach three-part inventions. Sonatas by Beethoven. Selections from Schubert, Mendelssohn, Schumann, Chopin and MacDowell. An introduction to some of the more modern composers.

Mr. SHEPARD and staff.

129. **Intermediate Course.** I, II. (2 Hrs.).
Some of the easier preludes and fuges of Bach, selections from the romantic period and some modern compositions by Debussy, Ranel, Griffes and others.

Mr. SHEPARD and staff.

130. **Advanced Course.** I, II. (2 Hrs.).
Prerequisite: Course 129. Harberbier, op. 53; Bach preludes and fuges; Moscheles op. 70 or 95, Chopin Etudes, op. 10 and 25, compositions of Brahms, Liszt, Chopin, Grieg and others. More difficult works of the modern and ultra-modern composers.

Mr. SHEPARD.

131. **Advanced Course.** II. (2 Hrs.).
Continuation of study of the standard concertos and modern works by Whithorne, Scriabine, Dohnanyi and others. Graduation Recital.

Mr. SHEPARD.

132. **Sight Playing.** I, 11. (2 Hrs.).
The work is arranged for classes of four or six, one hour per week and consists of rhythmic scale work, transportation of simple hymn forms, study of the classics, such as overtures, quartettes and symphonies and the study of modern compositions.

Miss MOORE.

134. **Teaching of Piano.** I, II. (2 Hrs.).
Four hours of this work are required of all candidates for the degree of Bachelor of Music in piano.

Miss BUTMAN.

136. **Teaching of Piano.** I, II. (2 Hrs.).
Second year of the course in the teaching of piano as required for those majoring in piano.

Miss BUTMAN.

Examination in Piano

After the first six weeks of the first semester, students taking work in the piano department will be given an examination to determine whether they are sufficiently advanced to apply for college credit.

In cases in which students are not able to meet the requirement of course number 24, they will be obliged to take elementary piano work without credit until such a time as they can satisfactorily demonstrate their ability to meet the standard set in Course No. 24.

All piano students will be examined at least twice a year, in January and May to determine the progress made.

VIOLIN

Mr. WOOD.

41. **Elementary Course.** I, II. (2 Hrs.).
This course is arranged for those who are not sufficiently advanced to take up the collegiate courses that follow. Studies by Laoureux, Sevcik and Sitt, for easier forms of left hand technique. Bowing studies by Stoeving and solos by Bohm, Seitz, Raff, etc.

42. **First Year Course.** I, II. (2 Hrs.).
Dont, op. 37, Schradieck Technique Violin School I, Sevcik, op. 3, solos by Bohm, Wieniawski, etc. Scales and arpeggios.

43. **First Year Course.** I, II. (2 Hrs.).
Continuation of Dont, op. 37 and Schradieck 1. Easier Kruetzer etudes. Scales and arpeggios, solos by Vieuxtemps and concertos by de Beriot and Viotti.

44. **Second Year Course.** I, II. (2 Hrs.).
Kruetzer studies continued, Schradieck Technique Violin School II, bowing studies of more advanced type, scales major and minor, Handel sonatas.

45. **Second Year Course.** I, II. (2 Hrs.).
Etudes and other technical work continued from course 44. Solos and concertos by Wieniawski, Viotti, etc.

146. **Third Year Course.** I, II. (2 Hrs.).
Fiorillo etudes, Sevcik, op. 1 book No. 4. Solos by Sarasate and Vieuxtemps.

147. **Third Year Course.** I, II. (2 Hrs.).
Fiorillo etudes continued and etudes selected from Rovelli, Sevcik, op. 1 book No. 4, concertos by Spohr or Viotti.

148. **Fourth Year Course.** I, II. (2 Hrs.).
Rode etudes and continuation of Sevcik, op. 1 book 4, sonatas for solo violin by Bach, concertos and solos by Mendelssohn, Saint-Saens and Wieniawski.

149. **Fourth Year Course.** I, II. (2 Hrs.).
Rode etudes continued and Schradieck, op. 1, advanced solos continued for development of style and interpretation.

150. **Advanced Soloist Course.** I, II. (2 Hrs.).
This course is arranged for those who desire work in repertoire.

ENSEMBLE

Mr. WOOD.

153. **Accompanying.** Yr. (2 Hrs.).
The course furnishes opportunity to advanced students to acquire the art of accompanying songs and violin and cello solos.

155. **Chamber Music.** Yr. (2 Hrs.).
The study of sonatas, trios and string quartettes by Haydn, Mozart, Beethoven, Bach, Handel, Mendelssohn, Gade, Grieg, etc. Open to violinists, cellists, pianists, and viola players.

PIPE ORGAN

Mrs. SNEE.

61. **First Year Course.** I, II. (2 Hrs.).
Stainer's Organ Book; Rink's Organ School; Schneider's Pedal Studies.

Mrs. SNEE.

62. **First Year Course.** I, II. (2 Hrs.).
Technique; hymn playing and easy organ compositions.

Mrs. SNEE.

63. **Second Year Course.** I, II. (2 Hrs.).
Grade II. Buck's studies in pedal phrasing; Bach short preludes and fugues; easier sonatas of Guilmant; organ pieces by Hollins.

Mrs. SNEE.

64. **Second Year Course.** I, II. (2 Hrs.).
Technique; Easier sonatas of Mendelssohn; organ pieces by Lemarc and Rhineberger.

Mrs. SNEE.

165. **Third Year Course.** I, II. (2 Hrs.).
Larger works of Bach, more difficult sonatas of Guilmant; pieces by Budois and Salome.

Mrs. SNEE.

166. **Third Year Course.** I, II. (2 Hrs.).
Sonatas by Mendelssohn and Rhineberger; pieces by Lemmens, Grison, etc. Continuation of Bach larger works.

Mrs. SNEE.

167. **Fourth Year Course.** I, II. (2 Hrs.).
Handel concerto; wider symphonies; Bach, Toccato and Fugue.

Mrs. SNEE.

168. **Fourth Year Course.** II. (2 Hrs.).
Graduation recital program.

Mrs. SNEE.

PUBLIC SCHOOL MUSIC

Assistant Professor HINKEL, Mrs. SIBBALD, Miss FULLER, Mr. STUMP.

Music

71. **Elementary Sight Singing.** I. (3 Hrs.).
Not accepted for credit for the degree of Bachelor of Music. Designed to meet the needs of students who are deficient in reading the elements of music.

Mrs. SIBBALD.

72. **Elementary Sight Singing.** II. (3 Hrs.).
Simple hymn tunes. Music of moderate difficulty.

Mrs. SIBBALD.

73. **Sight Singing.** I. (3 Hrs.).
The reading of music involving difficult intervals, complicated rhythms, chromatic melody, modulations, etc., two-part singing.

Mrs. SIBBALD.

74. **Sight Singing.** II. (3 Hrs.).
Three and four-part singing, Canons, Polphony, etc.

Mrs. SIBBALD.

75. **Ear Training.** I. (3 Hrs.).
Rhythmic and melodic dictation. Tonal relationships of the major and minor scales, introducing chromatic intervals, and simple time problems.

Mrs. SIBBALD.

76. **Ear Training.** II. (3 Hrs.).
More difficult rhythms and intervals. Song analysis.

Mrs. SIBBALD.

92. **Orchestra Class.** I. (1 Hr.).
Study of the cornet and trombone in classes.

Mr. STUMP.

93. **Orchestra Class.** II. (1 Hr.).
Study of the clarinet. Boehm and Albert systems. Tone production, simple scales and exercises. Mitchell's Class Method will be the text used.

Mr. STUMP.

179. **Music Appreciation.** I. (3 Hrs.).
Required of all music students. Prerequisite: Courses 75 and 76.

Assistant Professor HINKEL.

180. **Music Appreciation.** II. (3 Hrs.).
Analytical study of masterpieces in the large forms of musical composition. Illustrations from the masters. Required of all music students. Prerequisite: Course 79.

Assistant Professor HINKEL.

194. **Orchestra Class.** I. (1 Hr.).
Study of the flute. Boehm and Myers systems. Tone production, simple scales and exercises, easy pieces, literature.

Mr. STUMP.

195. **Orchestra Class.** II. (1 Hr.).
Study of the violin. Scales, simple pieces, exercises, positions, tuning, etc.

Mr. WOOD.

196. **Orchestra Class.** I. (1 Hr.).
Study of the viola and cello. Scales, simple pieces, exercises, position, tuning, etc. Elementary course in instrumentation to gain experience in writing and arranging for different orchestral instruments.

Mr. WOOD.

197. **Orchestra Class.** I, II. (1 Hr.).
Playing in band or orchestra for the purpose of acquiring actual experience. Band and orchestra material.

Mr. WOOD and Mr. STUMP.

Note: Students owning instruments are required to bring them with them; otherwise instruments will be rented for the class, and a small rental fee will be charged.

Note: Courses 72, 92, 93, and 194 to 197, inclusive will be given in both semesters if there is sufficient demand.

MUSIC EDUCATION

77. **Music Appreciation.** I. (2 Hrs.).
Teaching the children how to listen to music. Masterpieces suitable for children.

Mrs. SIBBALD.

78. **Music Appreciation.** II. (2 Hrs.).
Smaller forms of musical composition. Conducting music memory contests.

Mrs. SIBBALD.

181. **Child Voice.** I. (2 Hrs.).
Open to juniors. Study of the child voice. The changing voice of the boy. Selection and teaching of rote songs. Survey of materials used in kindergarten.

Mrs. SIBBALD.

182. **Methods and Materials.** I. (4 Hrs.).
Open to juniors. Study of materials and methods of teaching music in the primary grades.

Assistant Professor HINKEL.

183. **Methods and Materials.** II. (4 Hrs.).
Materials and methods in the intermediate grades.

Assistant Professor HINKEL.

186. **Music Supervision.** II. (1 Hr.).
Open to seniors. The practical application of the supervisor's training and skill, not alone to the schoolroom, but to the needs of the community as a natural amplification of the school and its work.

Assistant Professor HINKEL and staff.

188. **Departmental Music.** II. (2 Hrs.).
High School methods and materials.

Assistant Professor HINKEL and staff.

190. **Directed Teaching.** I, II. (2 Hrs.).

Miss FULLER.

191. **Directed Teaching.** I, II. (2 Hrs.).

Miss FULLER.

THEORY OF MUSIC

Miss FLORA HAYES.

1. **Introductory Harmony.** I. (3 Hrs.).
Keyboard harmony. Prerequisite: At least one semester's work in piano. Intervals, Scales. Triad Formation, etc.

2. **Intermediate Harmony.** II. (3 Hrs.).
Keyboard harmony. Chords of dominant seventh and ninth. Prerequisite: Course 1.

103. **Advanced Harmony.** I. (2 Hrs.).
Prerequisite: Courses 1 and 2. Modulation in various forms.

104. **Advanced Harmony.** II. (2 Hrs.).
Altered and mixed chords. Elaboration of tone lines, etc.

105. **History of Music.** I. (2 Hrs.).
The ancient period.

106. **History of Music.** II. (2 Hrs.).
The classic periods.

107. **History of Music.** I. (2 Hrs.).
The romantic period.

108. **History of Music.** II. (2 Hrs.).
Modern and Current Music.

109. **Elementary Counterpoint.** I. (2 Hrs.).
Single Melodic Line. Association of two, three, four tone lines.

110. **Advanced Counterpoint.** II. (2 Hrs.).
Modulation. Rhythmic Diversity, etc.

111. **Analysis and Form.** I. (2 Hrs.).
The smaller forms.

112. **Analysis and Form.** II. (2 Hrs.).
The larger forms.

113. **Keyboard Harmony.** I. (1 Hr.).
Playing of triads, fundamental and inverted positions, improvisation of short melodies, use of cadences, etc.

114. **Keyboard Harmony.** II. (1 Hr.).
Harmonic equipment, freer use of melodic expression, etc.

TUITION

	Lessons per week		
	One	Two	Three
Voice			
Mr. Black	$35.00	$55.00	$70.00
Mrs. Dille and Miss Fuller	25.00	40.00	
Piano			
Mr. Shepard	35.00	55.00	70.00
Mrs. Snee, Miss Moore, Miss Butman, and Mrs. Cunningham	25.00	40.00	
Miss Butman			
Elementary (with Normal Students)	$ 7.00 per Semester		
Elementary (Miss Butman in Classes)	20.00 per Semester		
Violin			
Mr. Wood	$25.00	$40.00	
Orchestra Class (1 hour)	5.00		
Pipe Organ			
Mrs. Snee	30.00	50.00	
Ensemble			
Mr. Wood			
Public School Music (class of 4)	$ 5.00		
Piano Majors	20.00		
Piano Sight Playing (class of 4, one hour per week) Miss Moore	$10.00 per Semester		
Theory of Music (Miss Hayes)	$5.00 per Semester Hour		
Public School Music (Miss Hinkel, Mrs. Sibbald, Miss Fuller, and Mr. Stump)	$5.00 per Semester Hour		

Piano for practice, one hour a day, will be furnished at $6.00 a semester; two hours a day at $10.00 a semester; three hours a day at $14.00 a semester; four hours a day at $18.00 a semester.

Pipe organ practice, one hour a day at $10.00 a semester.

Students whose work is wholly in the School of Music pay only tuition.

Students who register in the School of Music and take University work not required in the music course are subject to the usual University fees except the student activity fee.

SUMMER SCHOOL

The University Summer School begins each year at the close of the second semester (about June 7) and lasts ten weeks. Several members of the Music School faculty are in residence for the first six weeks and offer courses of special interest to those students who can attend only in summer.

The Division of Physical Education

HISTORY AND PURPOSE

The Division of Physical Education was established on the campus in 1928 in response to the need of the student body for a wholesome physical activity program. The principal responsibility of the division is to organize and develop the recreational program of the student group and to prepare teachers of physical education for the high schools of the state.

The division has a further responsibility, that of safeguarding the health conditions of the students during their period of residence and at the same time providing leadership and facilities for a regular program of physical activity which will meet the individual needs, capacities, and interests of every student group on the campus. The division has the further responsibility of teaching every man and woman in the University one or more activities which they can use during their leisure time and after their period of residence in the University.

Finally, the Division of Physical Education must provide professional training for those students whose interests lie in physical education or recreation in the secondary schools or municipal departments of the state, and as a result wish to prepare themselves to teach physical education, coach athletic teams, or direct recreation in the city systems within the state.

BUILDINGS AND EQUIPMENT

On the University campus, facilities are provided for indoor and outdoor recreation for both men and women. On the lower campus near the river is the new Men's Field House, in the vicinity of which will be constructed the men's swimming pool and eight tennis courts. There are now in this section eight regulation horseshoe pitching courts and four archery ranges.

The Men's Field House, constructed in 1928, contains the administrative offices of the Division of Physical Education. This building, constructed of steel and brick, is modern in every respect. The Field House provides facilities (including lockers and showers) for physical education classes, intramural athletics and intercollegiate athletics.

On the north border of the lower campus is located Mountaineer Field enclosed by the University Stadium. This stadium was erected in 1924 and has a seating capacity of 34,000. Mountaineer Field provides facilities for intercollegiate football, track and field. The old athletic field is used for baseball games.

On the upper campus is the Elizabeth Moore Hall for women, which combines social, recreational, and physical education activities.

The building is so constructed that the facilities for social activities constitute a separate unit. The offices of the department of physical education for women are in this building.

The health service is located in a two story structure and provides the offices of the department of health service, a three bed ward and an isolation room.

The basement of Commencement Hall provides lockers and showers for fall and spring sports as well as the Varsity boxing teams.

Three outdoor playfields provide the facilities for outdoor activities, in addition to several archery ranges, horseshoe courts and tennis courts.

STUDENT ORGANIZATIONS

PHYSICAL EDUCATION CLUB

This club is composed of men and women who are students in the professionalized curriculum of physical education and exists for the purpose of promoting physical education in the University and for the further purpose of encouraging professional growth among its members. This group meets once each month for discussion.

WOMEN'S ATHLETIC ASSOCIATION

The Women's Athletic Association was organized in 1922. The membership is about 200. A manager is elected for each sport by the association. The managers, together with the officers of the association, comprise the Women's Athletic Council. Representatives from the staff of the department of physical education for women are ex-officio members of the council. The various managers cooperate with the physical education department in conducting games of speedball, basketball, baseball, swimming, volleyball, track and field in an intramural program. The Women's Athletic Association of West Virginia University is a member of the National Athletic Association and sends a delegate to sectional and national conferences.

SWIMMING CLUB

This club is organized to stimulate and maintain interest in swimming. Certain swimming tests must be passed in order to become a member of this group. The club sponsors class teams and gives demonstrations of life-saving and a water pageant each year.

ORCHESIS

Orchesis is a dancing club which meets once a week to promote original creative work in dancing. Membership is open to all those who have sufficient technical and artistic skill.

ENTRANCE REQUIREMENTS

For admission to the Division of Physical Education the student must have credit for fifteen units of secondary school work, in accordance with the groups outlined on pages 40 and 41.

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF SCIENCE IN PHYSICAL EDUCATION

No student is permitted to register for less than fourteen hours, nor more than eighteen hours, of work in any one semester, nor more than thirty-four hours in an academic year, without special permission.

HONOR POINTS

The quality of a student's work shall be indicated by honor points according to the following plan:

A grade of A carries 3 honor points per credit hour.
A grade of B carries 2 honor points per credit hour.
A grade of C carries 1 honor point per credit hour.
A grade of D carries 0 honor point per credit hour.

CREDITS REQUIRED

The degree of Bachelor of Science in Physical Education may be conferred upon any student who satisfies the entrance requirements and offers one hundred and twenty-eight semester hours' credit with grades of D or above, and an average grade of C. That is, the student must receive at least as many honor points as credits in order to be eligible for graduation.

REQUIRED AND ELECTIVE COURSES

Of the one hundred and twenty-eight hours which are required for the degree of Bachelor of Science in Physical Education, thirty-eight are required in the Division of Physical Education. Physical Education 11 and 12 may be substituted for Physical Education 1 and 2 which are required of all first year men and women. The remaining eighty-four hours' credit must be selected from such courses as may be approved by the class adviser. A candidate for a degree is required to make a selection of one of the teaching combinations on page 301, and to complete the number of semester hours required in each teaching group.

Fewer than six hours in an ancient or modern language will not be counted towards any degree, diploma, or certificate in this College unless work in the same language has been offered for entrance.

ADVISER

The director of the Division of Physical Education will act as class adviser for all students in physical education.

ADMISSION WITH ADVANCED STANDING

Students from other institutions will be given credit for work already done in accordance with the general rules for advanced standing on page 42. At least two years of work, or equivalent, in residence will be required for the baccalaureate degree in physical education.

CLASSIFICATION OF STUDENTS

To be classified as a regular freshman a student must have satisfied the entrance requirements. To be classified as a sophomore he must have credit for twenty-four hours of college work; as a junior, sixty hours, and as a senior, ninety-four hours.

DIRECTED TEACHING

Through the cooperation of the College of Education of the University, the University High School is available to the Division of Physical Education for practice in the conduct of classes in physical education for high school boys and girls. The University freshman classes in the department of service program for men and women also offer an opportunity for practice teaching of college men and women. The Board of Education of the city of Morgantown cooperates with the University in providing groups for practice teaching and coaching of athletic teams.

BUREAU OF RECOMMENDATION

The bureau of recommendation under the direction of the Division of Physical Education and collaborating with the College of Education aims to:

1. Keep a record of the students and alumni of the University who wish to teach, to gather information as to their academic and professional qualifications and personal fitness for teaching, and to recommend for vacancies those who seem to be most likely to prove themselves efficient.
2. Keep a similar record of alumni who wish to be transferred to other positions.
3. To assist boards of education and other school officials in securing teachers, coaches and recreation workers.

Students should decide, during their sophomore year, the line of work which is best suited to them and so arrange their curricula.

No student is assured of a position. General letters of recommendation are not given to students who contemplate teaching or coaching. The services of the bureau of recommendation are offered free of charge to the students of the Division of Physical Education. Students who wish to avail themselves of this service should register, on regular registration blanks, during the first week in February of the academic year, and the third week of the summer session.

RECOMMENDATION FOR CERTIFICATION

The prospective teacher who intends to apply for certification for school service in the state should take care to satisfy the requirements for second teaching subjects and the required courses in education and physical education.

PROGRAM OF PREPARATION AND RECOMMENDATION FOR CERTIFICATION OF HIGH SCHOOL TEACHERS AFTER JANUARY 1, 1929

In preparing this program first consideration has been given to the teaching position. The great majority of high school teaching positions are in the small high schools where the teacher will be expected to teach in at least two different fields. Moreover, many of the teachers in the large high schools begin their teaching in the small high schools in the smaller communities. To meet the needs of these schools the Division of Physical Education has established the following requirements:

1. All persons who are certified to teach in a high school must be graduates of standard or approved colleges or universities, except as provided for in requirements in special and provisional high school certificates.
2. All teachers who qualify for a first class high school certificate shall be prepared to teach in at least two subject groups or high school teaching fields; for example, physical education and mathematics. No person will be certified for teaching in one subject in one field only, nor to teach a single high school subject except as provided for in special certificates.
3. Definite combinations of subject groups or teaching fields must be maintained.
4. A minimum of work is required in each teaching field for which the applicant is recommended and certified.
5. Each candidate for a certificate must be recommended by the Division of Physical Education. The recommendation will be based upon evidence of satisfactory scholarship, interest in educational work, special professional training and the proper professional attitude. No person will be certified to teach in any subject whose scholarship in this field does not average C.

TEACHING COMBINATIONS FOR FIRST CLASS HIGH SCHOOL CERTIFICATES

1. Physical education and biology.
2. Physical education and Spanish or French or German or Latin.
3. Physical education and mathematics.
4. Physical education may be taken as a second or third teaching subject with any recommended combinations.

ORGANIZATION

For purposes of administration and instruction the Division of Physical Education is organized into the following departments:

I. Service program for men.
II. Service program for women.
III. Intramural athletics.
IV. Health service.
V. Teacher training.

For convenience it is customary to designate the course of study by the name of the department and the number of the particular course. The plan for numbering courses is as follows:

Courses 1 to 99—Courses open to freshmen and sophomores.
Courses 100 to 199—Courses open to juniors and seniors.
Courses 200 to 299—Junior and senior courses open to graduates.

The following abbreviations are used in the announcements of courses:

I—a course given during the first semester.
II—a course given during the second semester.
I, II—a semester course given each semester.
Hrs.—number of credit hours per semester.

I. SERVICE PROGRAM FOR MEN

Assistant Professor JONES, Professor SCHOTT, Assistant Professor SAMUEL, Mr. RODGERS, Mr. TALLMAN, Mr. HARRICK, Mr. SMITH, Mr. VACHERESE, Mr. MEISEL, Mr. STADSVOLD, Mr. STEWART.

The courses offered in this department are designed to meet the needs of the men of the University for an organized program of recreation during their period of residence in the University. It is the threefold purpose of the department, first, to develop skill in from one to twelve recreational activities which can and will be engaged in in leisure time after the period of residence in the University; second, to establish habits of regular participation in outdoor or indoor physical activity; and third, to establish favorable attitudes toward wholesome play.

Courses in Physical Education 1 and 2 will meet the faculty requirement of two hours' credit in physical education as a prerequisite for graduation from all schools and colleges.

During registration week all freshmen will report at the Men's Field House for assignment of lockers and baskets, for appointment for physical and medical examinations and physical achievement tests. These examinations and tests will be the guide in the selection of a program of physical education for the individual student. See bulletin of the department of service program for men.

COURSES

1. **Service Program for Men.** I. (1 Hr.).
Required of all freshman men in the University.
Students who are found to be physically unable to engage in regular activity will be assigned to the RESTRICTED GROUP for a restricted program of physical education recommended by the University physician and under the direction of the staff of the department.

Students who are on the freshman or Varsity athletic teams will be assigned to the ATHLETICS FOR CREDIT GROUP under the direction of the coach of the sport.

Students who pass the University physical achievement tests during the semester will be assigned to the ELECTIVE GROUP for an elective program of physical education under the direction of the staff.

Students who fail to pass the University physical achievement tests will be assigned to the REGULAR GROUP for the regular program of physical education under the direction of the staff. These students will be organized into groups for organized competition in the following activities:

Fall season: Speedball, soccer, touch football, volleyball.
Winter season: Basketball, handball.

Freshman students enrolled in Physical Education 11, will receive credit in Physical Education 1.
See bulletin of the department of service program for men.
Assistant Professor JONES and staff.

2. **Service Program for Men.** II. (1 Hr.).
Required of all freshman men in the University. Continuation of course 1.
Students in the regular group will be organized into groups for organized competition in the following activities:

Winter season: Indoor baseball, giant volleyball.
Spring season: Playground baseball, track and field, tennis, volleyball.

Freshman students enrolled in Physical Education 12 will receive credit in Physical Education 2.
See bulletin of the department of service program for men.
Assistant Professor JONES and staff.

II. SERVICE PROGRAM FOR WOMEN

Assistant Professor GRIFFIN, Miss HURST, Miss HELLEBRANDT, Miss THOMAS.

The courses offered in this department are designed to meet the needs of the women of the University for an organized program of recreation during their period of residence in the University. The University requires four semesters of physical education of three periods each week. These periods cover indoor and outdoor work as well as lectures on personal hygiene.

Women students, while completing the physical education graduation requirement during their freshmen year and sophomore year, are expected to learn to swim, meet a definite standard in rhythm, be able to play skillfully one highly organized sport and one individual sport.

COURSES

1. **Service Program for Women.** I. (2 Hrs.).
   Required of all freshman women.
   Fall Season: Archery, soccer, speedball, corrective gymnastics, swimming, volleyball, natural dancing.
   Winter Season: Clogging: natural dancing, folk dancing, games, basketball, corrective gymnastics, tumbling, swimming.
   Associate Professor GRIFFIN and staff.

2. **Service Program for Women.** II. (2 Hrs.).
   Required of all freshman women.
   Winter Season: Corrective gymnastics, natural dancing, swimming, gymnastics.
   Spring Season: Playground baseball, track and field, archery, corrective gymnastics, swimming, natural dancing.
   Associate Professor GRIFFIN and staff.

3. **Service Program for Women.** I. (2 Hrs.).
   Required of all sophomore women. A continuation of Physical Education 2.
   Associate Professor GRIFFIN and staff.

4. **Service Program for Women.** II. (2 Hrs.).
   Required of all sophomore women. A continuation of Physical Education 3.
   Associate Professor GRIFFIN and staff.

101. Service Program for Women. I. (2 Hrs.).
Elective for junior women. Required for graduation in the College of Education, the Department of Home Economics and the School of Music. Prerequisites: Physical Education 1, 2, 3, 4.
Associate Professor GRIFFIN and staff.

102. Service Program for Women. II. (2 Hrs.).
Elective for junior women. A continuation of Physical Education 5.
Associate Professor GRIFFIN and staff.

103. Service Program for Women. I. (2 Hrs.).
Elective for senior women. Prerequisites: Physical Education 1, 2, 3, 4, 5, 6.
Associate Professor GRIFFIN and staff.

104. Service Program for Women. II. (2 Hrs.).
Elective for senior women.
Associate Professor GRIFFIN and staff.

As a part of the department of service program for women, intramural athletics are conducted during the year. "Play for the fun of playing" is the spirit which prevails among the women students. The purpose of this division is to give every girl on the campus an opportunity to participate in some form of athletic competition. Different groups on the campus enter teams in the tournaments which are held each year in field hockey, volleyball, basketball, swimming, baseball, archery, tennis and track and field.

III. INTRAMURAL ATHLETICS FOR MEN

Assistant Professor SAMUEL and Assistants.

The department of intramural athletics for men is organized as one of the departments of the Division of Physical Education. It is the aim of this department to encourage the entire student body of the University to participate in organized athletic sports and wholesome, active recreation. Competition will be promoted between student groups, faculty groups and individuals. The units which are now the natural groups on the campus, such as class, fraternity, and unorganized or non-fraternity groups, will form the basis for activities in competitive sports and recreation. It is the aim of the department to foster a spirit of fair play and good sportsmanship in all competition.

All students regularly enrolled in any department in the University shall be eligible to enjoy the intramural privileges, except that they must satisfy certain eligibility requirements for the various activities. All students who are members of the Varsity or freshman squads in a sport, or who have earned a Varsity award (WV) in a sport, shall be ineligible for intramural competition in that particular sport. All students who have won a varsity award in a sport from another institution of college rank shall be ineligible for intramural competition in that particular sport. Winning a Varsity award in one sport such as basketball will not bar a student from participation in another intramural sport such as baseball. See Handbook of the Department of Intramural Athletics.

PROGRAM OF ACTIVITIES

The following activities are conducted during the fall season: Speedball, cross-country and wrestling. Other activities may be promoted during this season when there is sufficient interest on the part of the students and where facilities are available. Leagues will be organized to accommodate classes, fraternities and non-fraternity or unorganized groups.

The following activities are conducted during the winter season: Basketball, indoor track, relays, bowling, basketball, free-throwing, handball, and wrestling. Arrangements will be made later for intramural competition in swimming.

The following activities are conducted during the spring season: Tennis, playground baseball, baseball, horseshoes, and outdoor track and field.

ANNUAL CALENDAR

September:	Speedball, cross-country.
October:	Speedball, cross-country.
November:	Speedball, cross-country, wrestling.

December:	Basketball, handball, wrestling, bowling.
January:	Basketball, handball, wrestling, bowling.
February:	Basketball, handball, wrestling, bowling, indoor track, indoor relays.
March:	Basketball, handball, wrestling, indoor track, indoor relays, basketball, free-throwing.
April:	Playground baseball, baseball, horseshoes.
May:	Playground baseball, baseball, tennis, track and field, horseshoes.
June:	Playground baseball, tennis, track and field, horseshoes.

IV. HEALTH SERVICE

Dr. McGAW, Dr. JOHNSON, and Assistants.

The department of health service is organized to provide medical treatment to the students of the University as well as to supervise the health conditions on the campus.

The University maintains a student infirmary, on the first floor of which are the waiting rooms and the offices of the physicians and the nurse. On the second floor is an isolation room where students having a contagious disease may be isolated from the other students and treated.

A five-bed ward is maintained for the treatment of any student, who may require only a day or two of treatment, or for any student needing hospital treatment who is unable to pay for hospital service. This is not to be construed as general hospital service for the student body, nor does the University render nursing service at the rooms of the students. The student nurse is available only for such services as can be rendered at the infirmary.

Students wishing to avail themselves of the Health Service are expected to call at the University Infirmary. Office hours are 9 to 12 and 2 to 5 daily except Sunday.

If students are unable to leave their rooms the physician will attend them at their residences and may be summoned by telephoning 475 during office hours. In case the University physicians are unable to make calls, a local physician will be sent in their place.

All new and first year students are given a complete medical and physical examination at the beginning of the University school year to determine their general fitness for active participation in University activities.

All students of the University pay a nominal medical fee which partially supports the health service. Students are entitled to free medical advice and attention. Ordinary surgery, except in the specialties is also furnished without charge. Nominal charges are made to cover cost of X-ray plates and special laboratory tests that may be necessary.

V. TEACHER TRAINING

Professor SCHOTT, Assistant Professors GRIFFIN, SAMUEL, and JONES, Miss HURST, Miss HELLEBRANDT, and Miss THOMAS.

The department of teacher training is organized to provide professional training to all men and women who are desirous of becoming teachers of physical education in the high schools or directors of recreation in municipal systems. During the past decade there has been an ever-increasing interest in the physical activities of the boys and girls of school age as well as in inter-institutional athletics. In 1927 the State of West Virginia adopted a state wide program of physical education for all secondary schools of the state. To meet this need for adequately trained teachers of physical education this division was organized.

The courses are arranged to meet the University requirements for the degree of Bachelor of Science in Physical Education as well as the state requirements for certification. The curriculum for the four year course has been so arranged that consideration is given to the various activities which should constitute a well rounded program of physical education for boys and girls of high school age. These courses are arranged in eight groups as follows:

A. Required courses in physical education which include the theory and practice of physical education courses for men and women numbered 11, 12, 43, 44, 111, 112, 143, and 144, for men, and 27, 28, 59, 60, 127, 128, 159 and 160 for women. These courses are known as the physical education block.

B. Professional courses in physical education which include courses in history, organization and materials, and numbered 75, 76, 77, 78, 150, 151, 152, 166, 167, 168, 169, 175, 176, and 177.

C. Required courses in English and public speaking.

D. Required courses in science which furnish a background for physical education practice.

E. Required courses in education which consider the principles of general education.

F. Required courses in social studies.

G. Required courses in military science for men of the University.

H. Elective courses which are taken at the pleasure of the student.

It is understood that a sound and vigorous body is essential to all students who elect this curriculum. Each student must, therefore, pass a thorough physical examination before he will be allowed to enroll in this program. Special emphasis should be placed upon the personal and professional qualifications of the student as well as on a high standard of scholarship.

CURRICULA

Undergraduate Curriculum in Physical Education for Men

First Year

First Semester		Second Semester	
English 1	3	English 2	3
Chemistry 1	4	Chemistry 2	4
Phys. Ed. 11	2	Phys. Ed. 12	2
Phys. Ed. 75	3	Phys. Ed. 76	2
Military Science 1	1	Social Studies	3
Elective	3	Military Science 2	1
	16		15

Second Year

First Semester		Second Semester	
English 3	3	English 4	3
Zoology 4	5	Anatomy	4
Phys. Ed. 43	2	Public Speaking 11	3
Phys. Ed. 77	2	Phys. Ed. 44	2
Military Science 3	1	Phys. Ed. 78	3
Elective	3	Military Science 4	1
	16		16

Third Year

First Semester		Second Semester	
Education 6	3	Physiology	4
Education 9	3	Education 14	2
Phys. Ed. 111	2	Phys. Ed. 112	2
Phys. Ed. 175	3	Phys. Ed. 150	3
Sociology 1	3	Social Studies	3
Elective	2	Elective	2
	16		16

Fourth Year

First Semester		First Semester	
Education 20	3	Phys. Ed. 144	2
Phys. Ed. 143	2	Phys. Ed. 177	3
Phys. Ed. 176	3	Social studies	3
Observation	2	Phys. Ed. 151	3
Education elective	2	Phys. Ed. 152	2
Social studies	3	Elective	3
Elective	2		
	17		16

Undergraduate Curriculum in Physical Education for Women

First Year

First Semester		Second Semester	
English 1	3	English 2	3
Chemistry 1	4	Chemistry 2	4
Phys. Ed. 27	2	Phys. Ed. 28	2
Phys. Ed. 75	3	Phys. Ed. 76	2
Elective	4	Social studies	3
		Elective	2
	16		16

Second Year

First Semester		Second Semester	
Zoology 4	5	Anatomy	4
English 3	3	English 4	3
Phys. Ed. 59	2	Nutrition	3
Phys. Ed. 77	2	Phys. Ed. 60	2
Public Speaking 11	3	Phys. Ed. 78	3
Elective	2		
	17		15

Third Year

First Semester		Second Semester	
Education 6	3	Physiology	4
Education 9	3	Education 14	2
Phys. Ed. 127	2	Phys. Ed. 128	2
Phys. Ed. 175	3	Phys. Ed. 166	3
Phys. Ed. 167	2	Social studies	3
Sociology 1	3	Elective	2
	16		16

Fourth Year

First Semester		Second Semester	
Education 20	3	Phys. Ed. 160	2
Phys. Ed. 159	2	Phys. Ed. 177	3
Phys. Ed. 176	3	Social studies	3
Observation	2	Phys. Ed. 168	3
Education elective	2	Phys. Ed. 169	2
Social studies	3	Elective	4
	15		17

Four Year Curriculum in Physical Education Leading to the Degree of Bachelor of Science in Physical Education

A. General Minimum Requirements:

1.	Physical education	33
2.	English and public speaking	15
3.	Social studies	15
4.	Science (anatomy, zoology, chemistry, physiology)	21
5.	Education	20
6.	Health education	5
7.	Military science (for men)	4
8.	Home economics (for women)	3
9.	Elective (women)	15
10.	Elective (men)	14

THEORY AND PRACTICE OF PHYSICAL EDUCATION FOR MEN

All courses indicated in the block of theory and practice of physical education for men are offered daily except Saturday from 8:00 to 10:00 a. m.

Courses numbered 11 and 12 are required of freshman men, 43 and 44 are required of sophomore men, 111 and 112 are required of junior men and 143 and 144 are required of senior men.

11. **Theory and Practice of Physical Education.** I. (2 Hrs.).
This course includes the fundamentals of football and games, contests and relay races for high schools and colleges.
Mr. RODGERS, Assistant Professor SAMUEL.

12. **Theory and Practice of Physical Education.** II. (2 Hrs.).
This course includes marching tactics, mass athletics and the fundamentals of baseball.
Mr. RODGERS, Assistant Professor SAMUEL.

43. **Theory and Practice of Physical Education.** I. (2 Hrs.).
This course includes the aims of the Boy Scout movement as well as the technique of scouting in addition to the fundamentals of basketball.
Mr. STADSVOLD, Assistant Professor SAMUEL.

44. **Theory and Practice of Physical Education.** II. (2 Hrs.).
This course includes natural activities on the apparatus and the fundamentals of track and field athletics.
Mr. SMITH, Assistant Professor MCGREW.

111. **Theory and Practice of Physical Education.** I. (2 Hrs.).
This course includes the use of massage, first aid and conditioning

as well as graded plays and games for the elementary school program.

Mr. SMITH, Assistant Professor JONES.

112. **Theory and Practice of Physical Education.** II. (2 Hrs.).
This course will include minor sports, combative events and swimming.

Mr. VACHERESSE, Mr. HARRICK, Assistant Professor JONES.

143. **Theory and Practice of Physical Education.** I. (2 Hrs.).
This course will include the theory of coaching football, basketball and the conduct of programs in physical education in the public schools.

Mr. RODGERS, Mr. STADSVOLD, Professor SCHOTT.

144. **Theory and Practice of Physical Education.** II. (2 Hrs.).
This course will include the theory of coaching track and field, baseball and the conduct of programs in physical education in the public schools.

Mr. SMITH, Mr. RODGERS, Professor SCHOTT.

FOR WOMEN

All courses indicated in the block of theory and practice of physical education for women are offered on Monday, Wednesday and Friday from 8:00 to 10:00, and on Tuesday and Thursday from 8:00 to 9:00, or from 9:00 to 10:00, in Elizabeth Moore Hall.

First Year

Courses 27 and 28 are required of freshman women.

27. **Theory and Practice of Physical Education.** I. (2 Hrs.).
This course includes fundamentals and practice in playing soccer, speedball, and indoor baseball; instruction in singing games and folk dances; fundamental steps in clogging and simple clogs; elementary and advanced swimming strokes, standard dives and life saving.

Staff.

28. **Theory and Practice of Physical Education.** II. (2 Hrs.).
A continuation of indoor baseball, folk dancing, clogging and swimming, with the addition of the fundamentals of playground ball, and theory and practice of archery.

Staff.

Second Year

Courses numbered 59 and 60 are required of sophomore women.

59. **Theory and Practice of Physical Education.** I. (2 Hrs.).
This course includes the fundamentals of hockey and basketball and the development of skill in playing; activities in all forms of gymnastics; and skill in natural dancing and with some historical and philosophical background.

Staff.

60. **Theory and Practice of Physical Education.** II. (2 Hrs.).
A continuation of the work in basketball, natural dancing, and gymnastics, with the addition of the fundamentals of outdoor baseball, development of skill in playing, and the theory of coaching the game.

Staff.

Third Year

Courses numbered 127 and 128 are required of junior women. These courses are adapted to the needs of prospective teachers, playground instructors, and assistants in summer camp work.

127. **Theory and Practice of Physical Education.** I. (2 Hrs.).
This course includes hockey technique; archery teaching; swimming technique, which covers the theory and practice of teaching swimming, a thorough study and analysis of the standard dives, and sanitation of the swimming pool; tumbling, apparatus and stunts, including activities on the apparatus, stunts suitable for various age groups, pyramid building, and advanced tumbling; organizations of adolescent girls, such as Girl Scouts, Camp Fire Girls, and Girl Reserves.

Staff.

128. **Theory and Practice of Physical Education.** II. (2 Hrs.).
A continuation of tumbling, apparatus and stunts, and organizations of adolescent girls; with the addition of practice in teaching swimming; track and field activities adapted to the use of women; skill in playing tennis and a knowledge of the rules; and games of low organization for elementary, junior and senior high schools, summer playgrounds and camps.

Staff.

Fourth Year

Courses numbered 159 and 160 are required of senior women.

159. **Theory and Practice of Physical Education.** I. (2 Hrs.).
This course includes the teaching of soccer, speedball, hockey,

basketball, gymnastics, individual gymnastics; and philosophy of athletics, which includes a study of the fundamental principles relating to highly organized team games.

Staff.

160. **Theory and Practice of Physical Education.** II. (2 Hrs.).
A continuation of basketball teaching and gymnastic teaching; with the addition of the teaching of folk dancing, baseball, and track and field.

Staff.

Note: An opportunity is provided for individual specialization in sports, swimming, or dancing in addition to the activity of the block program. If students are especially interested in specializing in dancing their course will include some allied subjects as history of art, pagentry, dramatics, music, and practice teaching in dancing.

PROFESSIONAL COURSES IN PHYSICAL EDUCATION

For Men

150. **Individual Gymnastics.** I. (3 Hrs.).
Prerequisites: Anatomy, physiology, kinesiology. This course will deal with the diagnosis of abnormal cases found in the classroom including overweight, underweight, post-operative, postural and flat-foot cases, with the prescription of activities for their correction. The course will cover the program of tests and measurements as employed in the school program.

Assistant Professor JONES.

151. **Directed Teaching.** II. (3 Hrs.).

Professor SCHOTT.

152. **Materials and Methods of Teaching Physical Education.** II. (2 Hrs.).

Professor SCHOTT.

For Women

166. **Individual Gymnastics.** I. (3 Hrs.).
Prerequisites: Anatomy, physiology, kinesiology. This course will deal with the diagnosis of abnormal cases found in the classroom including overweight, underweight, post-operative, postural and flat-foot cases, with the prescription of activities for their correction. The course will cover the program of tests and measurements as employed in the school program.

Miss HURST.

167. **Rhythmic Analysis.** I. (2 Hrs.).
This course is designed to give the student an understanding of the nature and scope of rhythm in the physical education program.

An opportunity will be had for practice in the analysis of rhythm in the music used in dancing, folk dancing and singing games. Practice in the creation of rhythmic step patterns will be offered.

Miss HELLEBRANDT.

168. **Directed Teaching.** II. (3 Hrs.).

Assistant Professor GRIFFIN.

169. **Materials and Methods of Teaching Physical Education.** II. (2 Hrs.).

Assistant Professor GRIFFIN.

For Men and Women

75. **Introduction to Physical Education.** I. (3 Hrs.).
Required of all freshman men and women in the Division of Physical Education. This course is intended to acquaint the beginner with the purposes, scope and possibilities of physical education in the schools of the United States. An orientation course, it will consider the aims and objectives of modern physical education. Lectures, discussions, and assigned readings. A note book and term paper will be required.

Assistant Professor JONES.

76. **Hygiene.** I. (2 Hrs.).
This course deals with those phases of hygienic living which should be understood by all college students. Special emphasis will be placed on the personal aspects of hygiene.

Assistant Professor SAMUEL.

77. **History of Physical Education.** I. (2 Hrs.).
This course will consider the development of physical education from early civilization to the present time, giving attention to the early Roman and Greek Periods, the German, Swedish, and Danish systems, and the recent development in the American program.

Assistant Professor GRIFFIN.

78. **Playground and Community Recreation.** II. (3 Hrs.).
This course is arranged to prepare the student in physical education for the direction of municipal departments of playgrounds and community recreation. It will include a study of the nature and function of play in the life of the child. An opportunity will be had for practical experience in manual, musical, dramatic, and play activities of the community playground.

Assistant Professor JONES.

175. **Kinesiology.** I. (3 Hrs.).
This course will consider the principles of bodily movements in relation to the anatomical structure. The general and special effects of exercise upon carriage, posture, and organic function will be studied.

Miss THOMAS.

176. **Health Education.** I. (3 Hrs.).
The purpose of this course is to develop in the teacher a sense of responsibility for the pupils in his care; to give the student instruction in, and, as far as possible, experience with methods of health education; to give him experience in finding specific health needs and in planning health education objectives and activities in a particular school situation; to acquaint him with ways of gaining closer cooperation of parents for health of children; to familiarize him with activities and literature of various organizations interested in school health and the manner in which these organizations may be of help to each other.

Dr. MCGAW.

177. **Organization and Administration of Physical Education.** II. (3 Hrs.).
This course is arranged to prepare the student in physical education for administrative positions in the field. It will consider the problems involved in the selection of staff, construction and care of facilities and the development of the program. An opportunity will be had to assist in the conduct of tournaments, track and field meets, and field days.

Professor SCHOTT.

Graduate Courses and Degrees

GRADUATE SCHOOL ORGANIZATION

By order of the Board of Governors of West Virginia University, a University Graduate School, whose roots shall be implanted in all university undergraduate work, irrespective of departments or schools, is established, to be in effective operation immediately following the appropriation granted by the Legislature at its session in 1931. This Graduate School shall have the power to conduct two lines of work, one to pursue research and investigation with particular reference to the problems of the State, and the second to train and recommend to the Board of Governors candidates for the graduate degrees of Master of Science, Master of Arts, and Doctor of Philosophy.

The following principles are adhered to in the organization of the Graduate School:

(1) To the end of economy in the use of University facilities, personnel and equipment, for graduate work, the School shall be organized on the basis of groups rather than upon the basis of departments.

(2) There shall be four graduate groups organized upon the basis of subject matter as follows:

(a) Industrial Science Group, which shall contain engineering branches, the Engineering Experiment Station, including the Bureau of Mine Research, mathematics, geology, physics, chemistry, and such kindred subjects as shall be determined by the Dean of the Graduate School in consultation with the Graduate Council;

(b) Biological Science Group, which shall include agricultural branches, the Agricultural Experiment Station, botany, plant pathology, genetics, zoology, appropriate branches in medicine, and such kindred subjects as shall be determined by the Dean of the Graduate School in consultation with the Graduate Council;

(c) Social Science Group, which shall embrace the Bureau of Government Research, history, economics, politico-legal studies, languages, and such kindred subjects as shall be determined by the Dean of the Graduate School in consultation with the Graduate Council;

(d) Educational Group, which shall include all branches in professional education, and such kindred subjects as shall be determined by the Dean of the Graduate School in consultation with the Graduate Council.

(3) Each of the four groups shall be headed by a group chairman, the four group chairmen shall constitute the Graduate Council, and either one of their number or the Dean of the Graduate School shall serve as chairman of that council. If the chairman is other than the Dean, he shall be directly responsible to the Dean.

(4) The faculty of the Graduate School shall consist of the Dean, members of the Graduate Council, and professors in charge of work open to graduate students only.

(5) All regulations governing the Graduate School, such as the determination of curricula, projects, majors, minors, admissions, credits, standards, thesis requirements, and like and similar matters, shall be formulated by the Graduate Council and presented to the graduate faculty for its consideration and action.

GRADUATE COUNCIL

In conformity with the preceding provisions the following members of the Graduate Council were chosen, who will have charge of all graduate work on and after July 1, 1930:

STEPHEN P. BURKE, *Chairman of Graduate Council and Chairman of Industrial Science Group.*

FRED DENTON FROMME, *Chairman of the Biological Group.*

JOHN FAIRFIELD SLY, *Chairman of the Social Science Group.*

EARL HUDELSON, *Chairman of the Education Group.*

Graduate study and teaching at West Virginia University is the most advanced work in education undertaken by the state. Its chief aim is the development of independent investigation and the stimulation or promotion of the spirit of research.

To serve as a general guide to students in the University but in no way to indicate the actions of the Graduate Council, the following regulations, which have been adopted by the general faculty and which have governed graduate work up to the present time, are published, together with the courses offered for graduate study, by the various departments of the University.

GRADUATE DEGREES

Although, at present, the University does not confer the degree, Doctor of Philosophy, such is provided for upon the complete establishment of the Graduate School as outlined on page 317.

The University confers the following masters' degrees: Master of Arts (A. M.), Master of Science (M. S.), Master of Science in

Mechanical Engineering (M. S. M. E.), Master of Science in Civil Engineering (M. S. C. E.), Master of Science in Electrical Engineering (M. S. E. E.), Master of Science in Engineering of Mines (M. S. E. M.), Master of Science in Chemical Engineering (M. S. Chem. E.), and Master of Science in Agriculture (M. S. Agr.). A master's degree is conferred upon the following conditions:

CANDIDACY

1. QUALIFICATIONS. Candidates for a master's degree, holding the bachelor's degree from West Virginia University or other institutions within the state approved by the State Board of Education and authorized to confer such degrees, or from institutions without the state standardized by membership in one of the associations of colleges and secondary schools, will be admitted to West Virginia University as candidates for the master's degree without question as to their undergraduate courses, except in so far as foundation for the major subject may be concerned.

Those who wish to become candidates but lack undergraduate preparation will be admitted to graduate study, but must at once make up their deficiencies by taking the necessary undergraduate courses. On completion of such undergraduate courses they become eligible to candidacy.

Those who have received their bachelor's degree and wish to broaden their education without reference to a higher degree, will be admitted to graduate study without restriction as to courses.

Seniors in the colleges of West Virginia University who have completed the work for the bachelor's degree but who have not yet received the degree may have work credited toward the master's degree at the direction of the Graduate Council.

2. APPLICATION FOR ADMISSION. Students who desire to register for graduate courses leading to a master's degree should submit their applications for admission to candidacy for the degree to the Council, either in person or by letter some weeks prior to the opening of the semester in which they desire to register. Blank forms can be obtained on application. The application must be in the hands of the Council at the time when the student presents himself for registration in the courses which he desires to take for graduate credit and not later than October 1 in the college year in which he desires to have the degree conferred.

In his application the student must announce his choice of a major subject and must submit a general outline of his proposed course of study. The major subject chosen must be either the same as the undergraduate major or one in which the candidate has an equivalent undergraduate preparation. However if he is deficient in the major subject chosen he may be admitted as a graduate student and may complete undergraduate deficiencies in that subject.

No student will be admitted to graduate study until properly certified credentials from his college or university are filed with the registrar and approved by the Graduate Council.

ADVISER

If the student is accepted as a candidate for the master's degree the Graduate Council will appoint an adviser to have general direction of the candidate's work in his major subject and in the related subjects. The adviser shall arrange a specific course of study to be approved by the Graduate Council and shall preside at the final examination in which he shall call to his aid as special examiners representatives from all departments in which the candidate has had work.

Not later than February 20 in each year the adviser of each candidate for an advanced degree at the next following commencement must make a final recommendation to the Graduate Council containing a detailed statement of the approved courses with subject, number, hours of credit and grade in each course already completed and a schedule of work for the remainder of the year. No recommendation for advanced degrees will be considered by the Council after that date.

REQUIREMENTS FOR DEGREES

1. TERM OF RESIDENCE. Time and facilities are recognized as two important essentials for bona fide graduate work. A candidate must pursue graduate courses for at least thirty-six weeks in the University after the completion of the work for his undergraduate degree. Graduate credit is not given for work done *in absentia*, except in case of a thesis requiring research which can be conducted to advantage elsewhere.

2. COURSE OF STUDY. The candidate must do thirty-two hours of graduate work, which at the discretion of the department in which he has chosen his major subject may or may not include a thesis. At least ten hours, exclusive of thesis, shall be in the candidate's major subject; and any remaining hours shall be in not more than two other subjects related thereto. Courses primarily designated for graduate students and distinctly senior courses open to graduates, are indicated in the catalogue, but other advanced courses and special research courses not listed in the catalogue may be credited with the approval of the Graduate Council. In rare instances advanced undergraduate courses not regularly open to graduates, may be approved for graduate work with reduced credit; but elementary courses are never credited.

The rule of the Council is to approve no course for graduate credit unless the catalogue specifically states that it is intended for graduate students.

For courses submitted for graduate credit the passing grade is B, and no grade reported below that figure may be changed by a second examination.

Courses given during the college year will not be accepted for graduate credit in the Summer School unless they are given such credit in the annual catalogue.

No work done before the completion of the work, required for the bachelor's degree will be credited toward the master's degree unless the work and courses have been regularly approved by the Council.

The partial or complete course of study must be presented to the Graduate Council for its approval within two weeks after the acceptance of the student's application.

At least twenty hours of the thirty-two required for any master's degree shall be done in actual residence at the University.

Graduate courses completed before the filing of the schedule of graduate studies will ordinarily not be counted toward the graduate degree.

Note: Since the principal aim of graduate study is scholarly development, the acquisition of knowledge necessary to do independent work, and the promotion of the spirit of research, each candidate for a degree is expected to have a wide knowledge of his subject and of related fields of work and to pursue a course of related reading and study in addition to his University work.

3. THESIS. The thesis shall show acceptable investigation in the major subject. It shall be prepared under the direction of the department in which the student has chosen his major and shall be submitted for approval to the adviser at least four weeks previous to the commencement day at which the degree is expected. The thesis shall be presented in such form as may be prescribed by the Graduate Council. If the thesis is approved, two typewritten or printed bound copies shall be deposited in the University Library at least one week before the degree is conferred. The usual credit for a thesis is from three to seven hours.

4. FINAL EXAMINATION. The final examination of the candidate shall be oral and shall cover the major and related courses and thesis or such part thereof as the examiners may deem desirable. This examination shall be held at least three weeks before the commencement day on which the degree is expected. The Graduate Council shall delegate one of its members to attend the examination.

The adviser shall report his opinion of the thesis and the result of the examination of the candidate to the Graduate Council at least ten days before commencement.

PROFESSIONAL DEGREES IN ENGINEERING

The University confers the following professional degrees: Civil engineer (C. E.), Mechanical Engineer (M. E.), Electrical Engineer (E. E.), and Engineer of Mines (E. M.), upon the graduates of the College of Engineering of West Virginia University on the basis of practical experience and study *in absentia*, the presentation of a thesis and an oral final examination.

To be eligible a candidate for a professional degree must have been in active practice of his profession for at least five years since receiving his first degree and must have been in responsible charge of important work for at least two years, and must be qualified to design as well as to direct engineering work.

Application for registration as a candidate for a degree should be made not later than the first day of October in the year in which the degree is expected. Detailed regulations and registration blanks may be obtained from the dean of the College of Engineering.

COURSES OF INSTRUCTION

Graduate work is offered in the College of Arts and Sciences, the College of Engineering and Mechanic Arts, the College of Agriculture, the College of Education, and the School of Medicine. For a detailed description of the graduate courses, see the departmental announcements of each college or school. Courses numbered 200 to 299, inclusive, are undergraduate courses open to graduate students; courses 300 to 399, inclusive, are open to graduates only.

The Summer School

GENERAL INFORMATION

THE THIRTY-SECOND SESSION

The thirty-second session of the Summer School of West Virginia University will be held from June 6 to August 29, 1930. The session will be divided into two terms of six weeks each as follows:

The first term will begin Friday, June 6 and will end Friday July 18. The second term will begin Saturday, July 19, and will end August 29.

ADMISSION

The requirements for admission are the same in the summer session as in the regular school year. To be admitted without condition each applicant for admission must be a graduate of a standard four-year high school or the equivalent and must present credit for at least fifteen entrance units.

Mature students who do not meet entrance requirements fully but are capable of carrying on college work successfully, may, with the approval of the Committee on Entrance, be permitted to register in the summer session as special students.

CREDIT

The work of the summer session is equivalent in character to that of the regular year. Students may carry courses not in excess of six hours' credit each term.

FEES

The fee for one term of the Summer School is $25.00, and for both terms $30.00, for students who are legal residents of West Virginia. The fee is $35.00 for one term, and $40.00 for both terms for students of other states. This fee covers matriculation, incidentals, laboratory charges, dispensary service, and is the only fee required except in the College of Law, the School of Medicine, and the School of Music, where tuition fees are charged.

STUDENT HEALTH SERVICE

The Student Health Service, including the Drug Dispensary and the University Infirmary will be in operation during the full session of the Summer School.

WORK FOR TEACHERS

Many of the students enrolled for the Summer School are school superintendents, principals, and teachers. The number of these is increasing rapidly from year to year. The University is specially interested, therefore, in offering work that will meet the requirements of

this group. To this end the College of Education employs in the summer a considerable staff of well-trained teachers and offers a wide range of course in education both for undergraduate and graduate students.

COURSES IN EDUCATION NOT OPEN TO FIRST-YEAR AND SECOND-YEAR STUDENTS

Applicants for admission to the College of Education must have completed two years of pre-education work. Freshmen and sophomores ordinarily are not admitted to education courses. Exceptions to this regulation are made in the Summer Session in the case of mature persons who have had experience in teaching.

THE UNIVERSITY HIGH SCHOOL

The University maintains a high school which is under the direction of the College of Education. The high school affords opportunities for practice teaching and observation, which are an important part in the work and training of students who are preparing to teach.

The high school is made up of junior and senior high school grades and is conducted on what is known as the "Dalton Plan."

TEACHERS' EMPLOYMENT BUREAU

The College of Education of the University conducts a teachers' employment bureau which aids in placing students and graduates of the University who are available for school positions. This bureau is called upon frequently to recommend persons for teaching positions in high schools, junior high schools, and for principals and superintendent. The services of the Bureau are available to the students of the Summer School without charge. Students desiring the assistance of the Bureau in obtaining employment should register with the Bureau early in the Summer School.

FIELD COURSES IN BOTANY, GEOLOGY, ZOOLOGY, AND ENTOMOLOGY

For the past four years a field course in botany has been offered for Summer School students interested in this subject. This course will be repeated in the summer of 1930. Students taking the course spend the entire time in the field, camping and traveling by automobile. Various sections of the state are visited, the aim being to give the class a chance to study the flora of typical regions. The course continues throughout the session, but students desiring to take the work for only one term of six weeks may enroll for either term and receive credit for the work of that term if completed satisfactorily. A maximum credit of twelve semester hours may be earned by students taking the course throughout the entire session and a maximum credit of six

hours may be earned by those taking it through either six weeks' term. The course is given by Dr. P. D. Strausbaugh, Head of the Department of Botany in the University, and the expedition will be under his personal charge. Persons interested in taking this course are requested to communicate with Dr. Strausbaugh.

Field courses in zoology and entomology will also be offered this year. The students taking these courses will join the Botany Expedition and will pursue their work under the leadership of Dr. James G. Needham who will accompany the expedition. Dr. Needham is Professor of Entomology in Cornell University and a recognized authority on zoology and entomology. Persons interested in the field course in zoology should communicate as early as possible with Dr. A. M. Reese, Head of the Department of Zoology. Persons interested in the course in entomology should communicate with Dr. L. M. Peairs, Head of the Department of Entomology.

A field course in geology organized similarly to the course in botany will be offered in 1930 during the first half of the Summer School if enough students enroll for the course to justify giving it. The course will be offered by Dr. S. L. Galpin, Head of the Department of Geology, and the field expedition will be under his charge. Persons interested in this course should communicate with Dr. Galpin.

Advanced students in geology may also participate in the work of the State Geological Survey and receive as much as four hours' credit for such work.

RESEARCH IN THE SOCIAL SCIENCES AT THE CONGRESSIONAL LIBRARY AT WASHINGTON

An arrangement has been made with the Library of Congress whereby advanced students in the Social Sciences can use its facilities for research under the supervision of an instructor in the University. In pursuance of this plan, two seminar courses in History will be offered this year at the Library of Congress during the six-weeks' period of July 19 to August 29. One of these courses will be on American History and the other on European History. Each student will be assigned a topic along the line of his or her interests and will be expected to devote full time to its study for a period of two or more weeks. A paper embodying the results of this study will be required in each case at the end of the period. The purpose of these courses is to give students some practice under proper guidance in the correct use of primary sources. It is also hoped that some of these papers will be of such a character as to merit subsequent expansion into masters' theses.

Opportunity will be given students in other phases of Social Science studies to use the Library for work which may be credited on courses in the University.

This work will be under the supervision of Dr. O. P. Chitwood, who will keep in close touch with the students by individual conferences.

The courses will be open to seniors and graduates who have had the necessary preparation. The credit given in each case will be determined by the quality and amount of work done. The maximum credit allowed will be one hour for each week of full time devoted to study in the Library. No credit for work on any topic will be allowed unless it represents at least two weeks' study in the Library.

Students may begin work at any time between July 21 and August 18. Tuition rates: For students who receive two or three hours' credit, one-half of the regular fee for one term of the Summer School; for those who receive more than three hours' credit, the full fee for one term. Students interested in the work in Washington should communicate with Dr. O. P. Chitwood, Professor of History.

EXAMINATIONS AND REPORTS

Examinations are given at the close of each term of the Summer Session. On the last day of the term one-hour examinations are given at the regular class period. In some instances instructors prefer to divide their examinations into two parts giving them at the regular class periods on the last two days of each term. This plan may be followed at the option of the instructor.

At the close of the second term the Registrar of the University sends reports to students showing their grades in the various subjects they have pursued.

ASSEMBLIES

The first general assembly of the Summer School is the Convocation held in Commencement Hall, on Tuesday evening of the first week. The principal feature of this assembly is the convocation address which will be delivered this year by Dr. William John Cooper, United States Commissioner of Education. All students are expected to attend this assembly.

Each Thursday evening throughout the first term a general assembly is held at 8:15, the principal feature of which is a vesper concert given by the faculty and students of the School of Music.

ABSENCES

In the Summer Session absences from classes are recorded by instructors, and if unexcused, are taken into account in making up the student's final average for the term. An instructor may excuse absences for good and sufficient cause.

RECREATION AND ENTERTAINMENT

During the first term of the Summer School a special recreational or entertainment feature will be provided each week, usually on Friday afternoon or evening. A special committee will be in charge of these programs.

COURSES OF INSTRUCTION

The following courses are offered in the Summer Session. Courses which are identical with those given in the regular school year as to content of course and amount of credit offered are listed by a number only, as "regular year courses." Those which are the same in content but which carry a different amount of credit are also listed by number with the amount of credit indicated. A full description of such courses may be found elsewhere in this catalogue. Courses offered exclusively in the Summer Session are listed below by number, title, and credit hours.

Agriculture

202s. General Plant Pathology. (2 Hrs.).
211s. Animal Nutrition. (2 Hrs.).
222s. Milk Production. (2 Hrs.).
234s. Cooperative Marketing of Agricultural Products. (2 Hrs.).

Agricultural Education

Regular year courses: 119, 22, 257, 180, 380, 381; 2 Hr. course, 220s.
225s. Directed Practice in the Summer Work of the Vocational Agriculture Teacher. (2 Hrs.).
232s. The Rural Community. (2 Hrs.).

Biochemistry

Regular year course: 1.

Botany

Regular year courses: 1, 365; 2 Hr. courses, 141s, 4s.
235s. Field Studies in Botany. (6 to 12 Hrs.).

Chemical Engineering

Regular year courses: 230, 231, 202, 301, 310.

Chemistry

Regular year courses: 3, 4, 5, 6, 15, 31, 36, 63, 107, 233, 238, 260, 261, 262, 381, 383, 385, 387, 378, 384, 386, 388; 4 Hr. course, 251s.

Civil Engineering

Regular year courses: 115, 121, 122, 5, 107.

Classics

2 Hr. courses: 3, 4, 6, 123, 140.
238s. The Roman Drama. (2 Hrs.).

Economics, Business Administration, and Sociology.

Economics

2 Hr. courses: 11s, 12s, 21s, 48s, 111s, 141s, 113s, 215s.

Business Administration

2 Hr. course: 141s.

Sociology

2 Hr. courses: 1s, 4s, 231s, 232s, 102s, 240s, 106s.

234s. Introduction to Social Work. (2 Hrs.).

Education

Regular year courses: 112, 114, 119, 222, 327, 233, 238, 240, 246, 254, 257, 365, 366, 275, 377, 282, 284, 390, 200, 221; 2 Hr. courses, 106s, 109s, 220s, 224s, 231s, 236s, 267s, 272s.

230s. Teaching Oral and Written English. (2 Hrs.).

232s. Research and Psychology of Reading. (2 Hrs.).

242s. Problem and Project Procedures and Values. (2 Hrs.).

244s. Experimental Schools, their Philosophy and Psychology, Reliability of their Results. (2 Hrs.).

245s. High School Management. (2 Hrs.).

247s. Planning, Making, Interpreting, and Using Surveys. (2 Hrs.).

249. Principles and Organization of Content of Science Teaching in High Schools. (2 Hrs.).

255s. School Plants, School Finance, and Business Administration. (2 Hrs.).

263s. Reliability and Uses of Standard Test Results. (2 Hrs.).

385s. Methods of Research in Education. (2 Hrs.).

287s. Curriculum Construction, Aims, Content Values. (2 Hrs.).

289s. Principles of Elementary Education. (2 Hrs.).

212s. Industrial Education. (2 Hrs.).

English

Regular year courses: 13, 14, 249, 160, 391; 2 Hr. courses, 4s, 224s, 230s, 234s, 235s, 242s, 253s, 162s, 165s, 272s, 277s, 181s, 184s.

1a. Introduction to College Composition. (2 Hrs.).

1b. Sentence-structure and English Usage. (2 Hrs.).

2a. Exposition and Argument. (2 Hrs.).

2b. Description and Narration. (2 Hrs.).

3a. The Evolution of English Literature to 1500. (2 Hrs.).

3b. The Evolution of English Literature, 1500-1700. (2 Hrs.).

393s. The Middle English Lyric. (2 Hrs.).

Entomology

Regular year course: 104; 2 Hr. course: 2s.

280s. Advanced Entomology. (6 to 12 Hrs.).

Geology

Regular year courses: 9, 163, 351, 352; 2 Hr. courses, 1s, 3s; 1 Hr. course, 116s.

6s. General Mineralogy. (2 Hrs.).

173s. Summer Geological Survey Work. (1 to 4 Hrs.).

Germanic Languages and Literatures.

History

Regular year course: 369; 2 Hr. courses, 4s, 5s, 27s, 28s, 52s, 53s, 132s, 154s, 156s, 175s, 214s, 215s, 257s, 258s, 259s, 260s, 364s, 386s.

387s. Seminar: American History. (2 to 6 Hrs.).

388s. Seminar: European History. (2 to 6 Hrs.).

Home Economics

Regular year courses: 2, 240, 31; 2 Hr. courses, 180s, 234s.

182s. Methods in Home Economics Extension. (3 Hrs.).

Hygiene and Sanitation

9s. Hygiene and Sanitation. (2 Hrs.).

Industrial Education

Regular year courses: 200, 201.

212s. The Organization and Administration of Manual Training. (2 Hrs.).

225s. Woodfinishing. (2 Hrs.).

Journalism

Regular year course: 115; 2 Hr. courses, 1s, 220s.

Law

Suretyship. (3 Hrs.).

Insurance. (2 Hrs.).

Honors Work in Procedure. (1 to 5 Hrs.).

Honors Work in the Study of the Lake Cargo Rate Case and Its Effect on West Virginia Coal Rates. (1 to 5 Hrs.).

Library Methods

Regular year course: 1.

Mathematics

Regular year courses: 2, 3, 4, 5, 6, 107, 108, 240, 303, 304; 2 Hr. courses, 230s, 242s; 4 Hr. course, 243s.

231s. Teachers' Course in Secondary School Mathematics. (2 Hrs.).

Mechanical Engineering

Regular year courses: 1, 2, 3, 4, 7, 10, 11, 12, 13, 20, 22, 24, 26.

224s. Mechanical Drawing. (2 Hrs.).

227s. Sheet Metal Work. (2 Hrs.).

Mechanics

Regular year courses: 101, 102, 104.

Mining Engineering

Regular year course: 102.

303s. Coal Mining. (3 Hrs.).

Music

Regular year courses: 93, 194, 195, 196; 1 or 2 Hr. courses, 71s, 75s, 179s.

77s. Music Appreciation. (2 Hrs.).
82s. Methods-B. (2 Hrs.).
88s. High School Music. (1 Hr.).
95s. Class Violin Teaching. (1 Hr.).
96s. The Viola and Cello. (1 Hr.).
97s. Music Supervision. (2 Hrs.).
91s. Directed Teaching. (1 Hr.).

Nature Study

Nature Study. (2 Hrs.).

Pharmacy

Regular year courses: 2, 13, 124.

Philosophy and Psychology

Regular year course: 245; 2 Hr. courses, 1s, 4s, 214s, 218s, 119s, 230s.

Physical Education

Regular year courses: 152, 27; 2 Hr. courses, 78, 150.

93s. Organization and Administration of Intramural Athletics. (2 Hrs.).
11As. Athletics (for women). (1 Hr.).
11Cs. Dancing (for women). (1 Hr.).
11Ds. Swimming (for women). (1 Hr.).
14Cs. Games (for women). (1 Hr.).
22Cs. Clogging (for women). (1 Hr.).
23Cs. Marching, Tumbling, Apparatus, and Stunts (for women). (1 Hr.).
24Ds. Folk Dancing (for women). (1 Hr.).

Physics

Regular year courses: 1, 2, 3, 4, 121, 249, 250, 393, 394.

5s. General Physics. (4 Hrs.).
6s. General Physics. (4 Hrs.).
7s. General Physical Laboratory. (1 Hr.).
8s. General Physical Laboratory. (1 Hr.).
251s. General Survey of Modern Physics. (3 Hrs.).
252s. General Survey of Modern Physics. (3 Hrs.).

Political Science

Regular year course: 351; 2 Hr. courses, 5s, 6s, 107s, 115s, 116s, 121s, 161s.

2s. Current Problems in Government. (2 Hrs.).
220s. Great Political Thinkers. (2 Hrs.).

Public Speaking

2 Hr. courses: 1s, 6s, 11s, 125s, 137s, 217s, 222s.
213s. Argumentation and Debating. (2 Hrs.).
221s. The Art of Reading Aloud. (2 Hrs.).
233s. Directing and Producing Plays. (2 Hrs.).

Romance Languages and Literatures

French

Regular year courses: 224, 231, 237; 2 Hr. courses, 1s, 2s, 5s, 6s, 7s, 8s, 9s, 10s, 115s, 116s.
238s. Women's Influence on 17th Century Literature. (2 Hrs.).
245s. The Salons of the 18th Century. (2 Hrs.).
246s. General Survey of French Literature. (2 Hrs.).
271s. Literary Tendencies and Ideas of the 18th Century. (2 Hrs.).
273s. Corneille. (2 Hrs.).

Spanish

2 Hr. courses: 1s, 5s, 6s, 7s, 8s, 221s, 222s.

Zoology

Regular year courses: 1, 2, 51, 235, 381, 382, 383.
261s. Field Zoology. (6 to 12 Hrs.).

Division of Military Science and Tactics

STAFF OF INSTRUCTION

The instruction in military science and tactics is in charge of a United States army field officer. His staff is composed of two captains, three lieutenants, and three staff sergeants—all United States army officers, one band leader and assistant, and nine student assistants, members of the Officers' Reserve Corps. The names of the staff appear in the faculty list.

PROVISION FOR MILITARY TRAINING

West Virginia University being one of the beneficiaries of the Act of Congress of 1862, instruction in military tactics is made compulsory for the freshman and sophomore years.

The division is in charge of an officer of the United States Army detailed by the War Department, as a professor of military science and tactics. The Corps of Cadets is inspected once each year by the Commanding General, Fifth Corps Area, or by a board of officers appointed by him. This inspection is for the purpose of determining whether or not the R. O. T. C. is proficient, or deficient. Other inspections are made at varying periods by officers of the Fifth Corps Area.

An infantry unit, senior division, of the Reserve Officers' Training Corps was established by the War Department on December 12, 1916. An engineer unit was established in 1919.

ARMORY

The Armory (60 by 120 feet) is used as a drill hall during inclement weather. This building is the home of the cadet corps, and all entertainments given by them are held therein, under the supervision of the Commandant of Cadets.

REQUIRED WORK IN MILITARY SCIENCE

Extract from Chapter Forty-Five of the Code of West Virginia

Section 140. MILITARY TRAINING. Male students of suitable age in the University shall be required, under such regulations as the State Board of Education shall prescribe, to enroll in the department of military science. Said students shall serve for the time required by said regulations and shall be entitled to such special privileges and immunities as the State Board of Education may determine. The State Board of Education shall have authority to accept appropriations, material and other benefits from the Federal Government on account of any federal law providing for aid in the West Virginia University, for giving instruction in military science and to co-operate as far as practicable with the Federal Government for such purpose.*

The following orders have been adopted by the University Board of Governors:

(1) Ordered that all male students, with the exceptions hereinafter named, shall enroll themselves in the Division of Military Science and follow diligently the course of instruction provided therein. Proficiency in this course shall be required for graduation.

(2) Practical and theoretical instruction shall be given three hours per week throughout the school year to all students except those in advanced classes who will be required to take five hours per week. A credit of one hour shall be given for each semester's work satisfactorily completed. Such credit shall be included in the computation of the student's standing at the end of each semester.

(3) Every student enrolled in the Division of Military Science, shall at the time of his enrollment, deposit with the financial secretary of the University $10.00 to cover any loss or damage of books or government property occasioned through fault or neglect on the part of the cadet. This sum less such deductions as are made for lost property or other reasons will be refunded to the cadet at the expiration of the school term upon presentation to the financial secretary of certificate of property clearance.

(4) The following classes of students shall not be required to enroll themselves in the Military Division, but may elect to do so:

(i) All students who are citizens of a foreign country and do not intend to become citizens of the United States.

(ii) All students who at date of entrance into the University are more than twenty-three years of age.

(iii) All graduate students.

(iv) All students whose studies are entirely in the School of Music.

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*Recent legislation gives the above authority to the University Board of Governors, instead of to the State Board of Education.

(v) All students who are taking only the short course, or the special winter course, or agricultural extension work in the College of Agriculture.

(vi) All students who at the time of matriculation have completed not less than sixty semester hours, and all who have college credit for four semester hours of military science or one unit of entrance credit in military from a recognized military academy.

(vii) All students who are physically unable to perform military duty.

(5) Exemptions for cases (i) to (vi) will be determined by the adviser from the students' records.

(6) A board, to be known as the military and gymnasium board, shall be composed of the commandant of cadets, and directors of physical training, and a surgeon of the corps of cadets, designated by the President. This board shall act upon claims for exemption from military service under case vii.

(7) Applicants for exemption on the ground of physical disability shall be carefully examined by a surgeon of the corps.

(8) Students exempted under the seventh case shall, upon recommendation of the military and gymnasium board be required to register for such physical training as they can take until they have earned a credit equal to that given for the prescribed military work.

(9) In none of the preceding cases shall the student absent himself until his application has been acted upon.

(10) It shall be the duty of the commandant to notify the registrar and student's class adviser whether the military and gymnasium board exempts a student or recommends that he be required to register for other work in place of military drill.

(11) Whenever the cause for exemption shall no longer exist, it shall be the duty of the student to present himself for drill at the next drill period.

(12) Students may appeal from the decision of the commandant of cadets or the military and gymnasium board, in which case the appeal shall be decided by the council of administration.

Other Regulations Concerning Cadets

(1) A uniform for each cadet is furnished by the Government. The cadet is required to wear this uniform at drill and inspection.

(2) Cadets who are bona fide residents of West Virginia are known as State cadets. A State cadet is allowed free stationery and the use of text books to the value of $10.00 a year. If he graduates from any department of the University while a member of the cadet corps he is allowed to retain his text-books.

(3) Cadets who are members of the military band receive the same allowances as State cadets.

SPECIAL REWARDS FOR MILITARY EXCELLENCE

The names of the most distinguished cadets of the graduating class are sent to the Adjutant General of the Army and to the Adjutant General of the State.

Each graduate of the Military Division is eligible, within five years after graduation, to commission as first lieutenant in the National Guard of the state, without examination.

The Board of Governors offers the following medals as special rewards for excellence in military training:

(1) To the cadet having the highest record for shooting on the University rifle team, a gold medal; (2) to the cadet having the second highest record for shooting on the University rifle team, a silver medal; (3) to the cadet having the highest aggregate score at company team rifle competition, a gold medal; (4) to the cadet having the best record for military training and discipline, a gold medal; (5) to the cadet who shall write the best essay on preparation against war, $50.00.

MILITARY BAND

A military band of sixty pieces is maintained as a part of the Cadet Corps. Band instruments are furnished by the Government and instruction is given in band music. After completing two years in the Band, qualified Cadets registering for further instruction and completing the year are paid $75.00.

ADMINISTRATION AND INSTRUCTION

The Corps of Cadets is organized as a regiment of three battalions: seven companies of infantry, two companies of engineers, and the band. Three hours a week are required for the first two years, which are compulsory. Five hours a week are required for the last two years, which are voluntary. Those electing the last two years are required to attend one summer camp six weeks, for which all expenses are paid. These advanced men are paid a daily allowance, and an allowance for uniforms, by the Government. The graduates of the advanced course are eligible to commissions as second lieutenants in the Officers' Reserve Corps or the National Guard. They are also exempt from the theoretical examinations for promotion to first lieutenant in the Officers' Reserve Corps. Students of the College of Engineering are enrolled in the engineer unit. All others are enrolled in the infantry unit.

UNDERGRADUATE CURRICULUM

B-I. First Year

INFANTRY

(1) The National Defense Act and the R. O. T. C.
(2) Military courtesy and discipline
(3) Drill and command
(4) Rifle marksmanship
(5) Scouting and patrolling
(6) Military hygiene and first aid

ENGINEERS

(1) The National Defense Act and the R. O. T. C.
(2) Military courtesy and discipline
(3) Drill and command
(4) Rifle marksmanship
(5) Scouting and patrolling
(6) Weapons
(7) Knots, lashings, block and tackle
(8) Military hygiene and first aid

B-II. Second Year

(1) Drill and command
(2) Musketry
(3) Automatic rifle
(4) Scouting and patrolling
(5) Combat principles of the rifle squad

(1) Drill and command
(2) Musketry
(3) Map reading and military sketching
(4) Scouting and patrolling
(5) Combat principles of the rifle squad

A-I. Third Year

(1) Map reading and military sketching
(2) Drill and command
(3) Machine gun
(4) 37 mm. gun and 3 inch trench mortar
(5) Combat principles of the rifle section and platoon

(1) Drill and command
(2) Combat principles of the rifle section and platoon
(3) Military explosives and demolitions
(4) Military roads and railways
(5) Military bridges (fixed and floating)
(6) Fortifications

A-II. Fourth Year

(1) Military law and Officers' Reserve Corps regulations
(2) Military history and policy
(3) Administration
(4) Field engineering
(5) Drill and command
(6) Combat principles of the rifle and machine gun company and howitzer platoon

(1) Military law and Officers' Reserve Corps regulations
(2) Military history and policy
(3) Administration and supply
(4) Drill and command
(5) Combat principles of the infantry rifle and machine gun company and the howitzer platoon, and of the engineer company, battalion and regiment
(6) Continuation of military roads and railways
(7) Continuation of military bridges
(8) Engineer organization and duties of engineers
(9) Map making and reproductions

Degrees Conferred, 1928-29

DOCTOR OF LAWS

William Gustavus Conley
Howard Mason Gore
Robert Maynard Hutchins

MASTER OF ARTS

Irene Gidley Blackburn . . . . . Morgantown
A. B., West Virginia University, 1924

Daisy Virgie Chapman . . . . . Webster Springs
A. B., West Virginia University, 1927

Genevieve Bernice Clulo . . . . . Morgantown
A. B., West Virginia University, 1928

Conn Costolo . . . . . Gans, Pa.
A. B., West Virginia University, 1928

James Carl Cox . . . . . Clarksburg
B. S. Agr., West Virginia University, 1921

Elizabeth Estelle Cramer . . . . . Ronceverte
A. B., West Virginia University, 1928

Orla Aldis Davis . . . . . Salem
Ph. B., Salem College, 1912

Marja Steadman Fear . . . . . Morgantown
A. B., University of Minnesota, 1918

Lec Fretwell . . . . . Bluefield
A. B., Martha Washington College, 1920

Sigel Ona Gardner . . . . . Blacksville
A. B., West Virginia University, 1923

Lucille Eura Gray . . . . . Moundsville
A. B., West Virginia University, 1926

Edith May Smith Hamrick . . . . . East Bank
A. B., Salem College, 1923

Morgan Tamblyn Hamrick . . . . . East Bank
A. B., West Virginia Wesleyan College, 1921

Mary Redmond Hazlett . . . . . Grove City, Pa.
B. S., Grove City College, 1922

John Franklin Heflin . . . . . West Union
A. B., West Virginia University, 1924

Charles Raymond Herrington . . . . Morgantown
A. B., Waynesburg College, 1917

Theodore Holden . . . . . West Union
A. B., West Virginia University, 1916

George Ray Hunt . . . . . Burton
Ph. B., Denison University, 1922

Cyrus Hudson Landsell . . . . . Hephzibah, Ga.
A. B., University of Richmond, 1926

Asa Lewis . . . . . Terra Alta
A. B., West Virginia Wesleyan College, 1922

William Warner Lovell . . . . . Wallace
A. B., West Virginia Wesleyan College, 1917

Theodore Miller McMillion . . . . . Williamsburg
A. B., West Virginia University, 1927

PAUL NEWMAN MUSGRAVE . . . . . FAIRMONT
A. B., Salem College, 1917

IDA URANIA NALE . . . . . MORGANTOWN
A. B., West Virginia University, 1926

NEVA MAE PALMER . . . . . PINE GROVE
A. B., West Virginia University, 1927

CARL JAY PATTERSON . . . . . WELLSBURG
A. B., Bethany College, 1925

JOHN MASON PRIEST . . . . . MORGANTOWN
A. B., West Virginia University, 1925

EARL WENDELL RIBLETT . . . . . BARBOURSVILLE
A. B., Morris Harvey College, 1927

HARRY JOSEPH SIGWART . . . . . MORGANTOWN
A. B., West Virginia University, 1927

WILLIAM REGINALD SMITH . . . . . UNIONTOWN, PA.
B. A., University of Pittsburgh, 1928

HOMER RANDOLPH STILES . . . . . HAMILTON
A. B., Park College, 1906

KENNETH TAYLOR . . . . . BUCKHANNON
B. S., West Virginia Wesleyan College, 1925

GUY PAUL THOMPSON . . . . . MORGANTOWN
A. B., West Virginia University, 1925

VERNA VIRGINA VAN HORN . . . . . MORGANTOWN
A. B., Willamette University, 1925

REBECCA KEISTER WAGENER . . . . . MORGANTOWN
A. B., Roanoke College, 1912

LAWRENCE ALBERT WALLMAN . . . . . FAIRMONT
A. B., West Virginia University, 1927

MASTER OF SCIENCE

PAUL CECIL BIBBEE . . . . . ATHENS
B. S. Agr., West Virginia University, 1921

DARRELL HILL . . . . . MORGANTOWN
B. S., Iowa State College, 1924

CURTIS LAKEMAN NEWCOMBE . . . . . PORT WILLIAMS, N. S.
A. M., Acadia University, 1927

FREDERICK JAMES REED . . . . . KINGWOOD
B. S., University of Illinois, 1917

FRED EARL ROSS . . . . . BLANDVILLE
A. B., Salem College, 1922

MASTER OF SCIENCE IN CHEMICAL ENGINEERING

LELAND CLARENCE SHRIVER . . . . . MORGANTOWN
B. S. Ch. E., West Virginia University, 1926

MECHANICAL ENGINEER

JAMES IRA CLOWER . . . . . STATE COLLEGE, PA.
B. S. M. E., West Virginia University, 1923

MASTER OF SCIENCE IN AGRICULTURE

CLARENCE DOORMAN . . . . . CARTHAGE, MISS.
B. S., Mississippi Agricultural and Mechanical College, 1926

RAYMOND SYLVESTER GLASSCOCK . . . . MORGANTOWN
B. S., Oklahoma Agricultural and Mechanical College, 1927

FEASTER WOLFORD . . . . . DRY FORK
B. S. Agr., University of Kentucky, 1923

BACHELOR OF ARTS

ADOLPH GRAUDAN ABRAMSON	PIEDMONT
MARGARET LUCILLE AHERN	FAIRMONT
HUBERT CHARLES ALLEMAN	MASONTOWN
MILDRED RECBECCA ALLEN	MORGANTOWN
WILLIAM HALL ALLMAN	MORGANTOWN
KATHERINE AMOS	CHARLESTON
LEWIS H. ARMENTROUT, JR	MORGANTOWN
BER NEICE BALLARD	PRINCETON
MARY BERNICE BARNETT	CLARKSBURG
DOROTHY CAROLINE BAUER	MOUNDSVILLE
FRED HILL BENNETT	STEUBENVILLE, OHIO
EARL ESCO BERKLEY	ALDERSON
ERNEST GAUJOT BIAS	WILLIAMSON
FRANCES VIRGINIA BIBBEE	CLARKSBURG
GRACE ELLA BISE	MORGANTOWN
ZELLA CLARK BISHOP	SUMMERLEE
GENEVA HOYE BOBBITT	GLEN JEAN
SOLOMON SUHERE BOBES	WHEELING
JOSEPH VINCENT BOFFO	FOLLANSBEE
LEONA ABELEEN BONNELL	WESTON
WELDON BOONE	RONCEVE TE
WALTER SOUTHGATE BREWSTER	LEWISBURG
FLOYD MCCAULEY BRILL	RICHWOOD
VIRGINIA BROCK	FAIRVIEW
JOHN MATHEW GAY BROWN, JR	MORGANTOWN
MARY VIRGINIA BROWN	MORGANTOWN
RUTH ANNA BROWN	MORGANTOWN
ROBERT IRA BURCHINAL	MORGANTOWN
HOBERT HOWE BUSH	STEUBENVILLE, OHIO
WILMA MCELROY BUVINGER	MORGANTOWN
KATHLEEN CALLAHAN	MORGANTOWN
MARGUERITE DICKENSON CARTER	ELKINS
VIRGINIA LEE CARTER	MIDDLEBOURNE
STANLEY GOODRICH CAVENDISH	GAULEY BRIDGE
LIVINGSTON HUNTER CHAMBERS	MADISON
JOHN KOSSUTH CHASE	MOUNDSVILLE
KATHERINE ELIZABETH CHESHIRE	WESTERN PORT, MD.
MAURICE WRIGHT COLEY	MORGANTOWN
HELEN WILMA CONNELLY	WHEELING
KERMIT ALDERSON COOK	TONEYFORK
HARRY WILBERT COOKE	PINEVILLE
MAX WENDELL COOPER	GLENVILLE
WINIFRED GLADYS COX	PARKERSBURG
CATHERINE LEE CREWS	GLEN ROGERS
REARDON STUART COTTON CUPPETT	THOMAS
HENRY LEE DEAN	ELK GARDEN
MAX DEBERRY	TERRA ALTA
FRANCES PRISCILLA DELANCY	MORGANTOWN
ICY KATHERINE DENNISON	WALKERSVILLE
DOROTHY DERING	MORGANTOWN
RUBY BLANCHE DULIERE	POINT MARION, PA.
WILLIAM NELSON DUNN, JR.	MARTINSBURG
NAOMI SYLVIA DUSHMAN	HUNTINGTON
JASPER STREIT DYER	FORT SEYBERT
ZOLA MARIE EDDY	SISTERSVILLE
JAMES KILGORE EDMUNDSON	BECKLEY

Helen Hudson Elliott	Huntington
Arthur Chilton Farmer	Beckley
George Thomas Faulkner	Morgantown
Harry Lewis Feinsot	Morgantown
Edythe Lorette Fishbach	Fairmont
Annie Laure Linn Ford	Dunbar
Pearl Michels Ford	Morgantown
Edwin Lea Fox	Wheeling
Gordon Byrne Fox	Sutton
Mabel Irene Frame	Gassaway
Maurice Monroe Freeman	Parsons
Jack Friedlander	Clarksburg
Agostina Leonilda Garbarino	Morgantown
Wiley Scott Garrett	Fairmont
Lester Carl Geisel	Wheeling
Walter Pope Glenn	Morgantown
Jo Lanore Gluck	Auburn
Stanley Norris Gluck	Bridgeport
Fred Hardman Goff	Clarksburg
William Carl Graham	Hollidays Cove
Ralph Elsworth Grimmett	Hinton
Rudolph Eric Hagberg	Follansbee
Elizabeth Flint Harrison	Bowden
Frances Virginia Haught	Mannington
Charles Wirt Hawley	Morgantown
George Willis Hechmer	Grafton
Henry Albert Heck	Spencer
Daisy Eunice Heltzel	Wardensville
Lucy Austin Higginbotham	Bluefield
Josphine Himmelrick	Burton
Katherine Watson Hirst	Kearneysville
Helen Ruth Hite	Fairmont
Dwight Moody Hoke	Second Creek
Louis Val Hood	Washington, Pa.
Elizabeth Morley Hooker	Buckhannon
Violet Roxey Houseman	St. Marys
Helen Louise Hudson	Morgantown
Raymond Grove Hughes	Elm grove
William Chalmers Hughes	Morgantown
Mary Katherine Jackson	Bluefield
Mary Frances Jacob	Wheeling
Wilma Jones	Terra Alta
Edith Mildred Jordan	Point Pleasant
Bernard Jubelirer	Morgantown
Robert Bruce Keefer	Paden City
Grace Elizabeth Kenney	Morgantown
Eleanor Cramer King	Marlinton
Genevieve Nanette King	Huntington
Mildred Lorraine King	Morgantown
Theodore Roosevelt Cecil King	Clarksburg
Charles Hampton Kirtley	Huntington
Mabel Madonna Koon	Watson
Robert Brille LaFollette	Charleston
Margaret Gene Lahm	Star Junction, Pa.
Elizabeth Adelaide Lawrence	Morgantown
Frances Sarah Lee	Bellevue, Pa.
Josephine Anna Lehman	Fairmont
Marjorie Linderman	Morgantown

BASIL GORDON LOCKHART	McMECHEN
SCOTT CEPHAS LOWE, II	FAIRMONT
GEORGE CALISTUS MALLEY	PARKERSBURG
LEE FREDERIC MALONE	MORGANTOWN
DANIEL D. MALONEY	BUCKHANNON
FLETCHER WILLS MANN	BALLARD
JOSEPH SOLOMON MANSKER	BROCKTON, MASS.
PAUL JOSEPH MANSOUR	CHARLESTON
MARGARET ELEANOR MAPEL	POINT MARION, PA.
ANDREW THORNE MARSH	WESTON
MARGARET FRANCES MARSHALL	FAIRMONT
MILDRED KATHLEEN FULLERTON MARSHALL	MORGANTOWN
WALTER JAMES MARTIN	CLARKSBURG
WILLIAM PRESTON MARTIN	MORGANTOWN
JULIA WARD MASON	MORGANTOWN
MARY JOSEPHINE MATTHEWS	MORGANTOWN
HAYMOND MAXWELL, JR.	CLARKSBURG
LEON LOUIS MAYEUR	POINT MARION, PA.
IRIS MARGUERITE McCLURE	MORGANTOWN
CECELIA McCUE	PERSINGER
DENNA McDONALD	MORGANTOWN
CHARLES ROSS McHENRY	PARKERSBURG
JAMES THOMAS McINTIRE	NEW MARTINSVILLE
MARGARET HAGAN McKONE	TUNNELTON
EDNA COLUMBIA McQUAIN	TROY
HELEN LEAH McQUAIN	TROY
ANDREW SABINE MEAD	BECKLEY
PAUL RICHARD MELINTZ	MARTINSBURG
JEANNETTE ELIZABETH MILLER	PARKERSBURG
HARRY MILTON MITCHELL	KINGWOOD
JAMES MONROE	CLARKSBURG
ALICE VERONICA MONSER	MIDDLEBOURNE
GEORGE PAUL MOORE	FAIRMONT
WILLIAM JOHN MOORE	MORGANTOWN
JOSEPH ALBERT MORELAND	MORGANTOWN
WILLIAM STEENBERGEN MORGAN, JR.	PLINY
MANSELL DUMONT MYERS	McMECHEN
ORPHA LUCILLE NALE	MORGANTOWN
AGNES VIVIAN NEELY	MORGANTOWN
ERWIN JAMES NELOWET	NEWARK, N. J.
CHARLES ALBERT NEWMAN	MOUNDSVILLE
ANITA MAY NUTTER	ENTERPRISE
OLOGA NUTTER	FAIRVIEW
VIRGINIA LEE NUTTER	ENTERPRISE
MARY BELLE OWENS	CLARKSBURG
OTIA CORNELIA PARKS	ELIZABETH
HORACE O. PARRACK	MORGANTOWN
CHESTER RENN PARRISH	FAIRVIEW
MELVILLE CRIM PECK	MORGANTOWN
HUNTER LEPHIEW PINNEY	CHARLESTON
MARY ELIZABETH POLING	ELKINS
JOSEPH ALVIN PORTER	ELIZABETH, N. J.
LILLIE CORNELIA PORTERFIELD	GERRARDSTOWN
CLARYCE GERTRUDE PRATT	WEST UNION
EDWARD PRICE PRITCHARD	SHINNSTON
HERBERT SMITH RAINES	MORGANTOWN
MINNIE ROBERTA RAUCH	MARTINSBURG
ELEANOR WILLARD REYNOLDS	MORGANTOWN

Hila Appleton Richardson	Morgantown
Sarah Leigh Riggle	Middlebourne
Robert Eugene Roach	New Cumberland
Belmont Francis Robb	Morgantown
Inez Kathleen Robertson	Clendenin
Edith Mae Robey	Fairmont
Dorothy Robinson	Clarksburg
Gladys Virginia Robinson	Cairo
Cecil Glenn Rollins	Cornwallis
Julian Kenneth Rolston	Waverly
Harry Weller Ronemus	Charles Town
Hilda Rosenshine	Clarksburg
Edward Thomas Rowland	Weirton
Clarence Daniel Ryan	Mannington
Mildred Pauline Rymer	Ripley
Harold LaMont Sander	Wheeling
Oscar Schofield	Brooklyn, N. Y.
Mary Elizabeth Scott	Terra Alta
Kenneth Woods Shaffer	Clarksburg
Paul Bernard Shanks	Morgantown
Blanche Pauline Shortridge	Morgantown
Velma Virgina Shreve	Elkins
Lee Harold Silberstein	New York City, N. Y.
William Leonard Simmons	Spencer
Hattie May Smith	Flemington
Mona Mildred Smith	Morgantown
Kathryn Elizabeth Sneddon	Morgantown
Mabel Strosnider Snyder	Clarksburg
Albert Spitzer	New York City, N. Y.
Catherine Carroll Stahlman	Bluefield
Richard Camden Starcher	Ripley
Charles Lee Steele	McMechen
Fritz John Stemple	Camden-on-Gauley
Charles Alexander Stevenson	Morgantown
Gaynes Pierre Stinnette	MacAlpin
Nellie Juniata Strouss	Morgantown
Louis Sturrois, Jr.	Clarksburg
Charles Andrew Swearingen	Parkersburg
Elizabeth Auld Tabler	Mannington
Mabel Ruth Taylor	Morgantown
Martha Virginia Taylor	Morgantown
Trevor Roosevelt Thomas	Monessen, Pa.
Frederick Edward Thornton	Wellsburg
William Abraham Tissue	Mount Hope
Paul Freola Topper	Thomas
John Lee Van Metre	Shepherdstown
Margaret Lehman Watkins	Fairmont
Gustave Weinstein	New York City, N. Y.
Agnes Thornberry West	Morgantown
John Richard Whetsell	Kingwood
Lorna Doone White	Morgantown
Evert Fillmore Whitener	Morgantown
Vincent James Wiley	Davis
Marshall Ward Williams, Jr.	Morgantown
Mary Evelyn Wilson	Clarksburg
Pearl Gladys Wilson	Morgantown
Charles Adolphus Wood, Jr.	Charleston
Mary Ziegler	Clarksburg

BACHELOR OF SCIENCE

JUAN ROBERTO AGUAYO . . . . . CAGUAS, P. R.
THOMAS MORRISON ARNETT . . . . . CLARKSBURG
A. B., West Virginia University, 1927
ROBERT ELY BAER . . . . . MORGANTOWN
A. B., West Virginia University, 1927
HAROLD JEROME BAYER . . . . . MOUNDSVILLE
WILLIAM CARROLL BOGGS . . . . . FRANKLIN
A. B., West Virginia University, 1927
LLOY DEFOREST BONAR . . . . . MOUNDSVILLE
JOHN HERRIOTT BOYD . . . . . MORGANTOWN
ERWIN BUFF . . . . . CHARLESTON
HARRY BOGGESS ARNOLD CARNEY . . . . CHARLESTON
CARL LEON DANIELSON . . . . . SHEFFIELD, PA.
JAMES MARSHALL DEPUE . . . . . SPENCER
M. S. Agr., West Virginia University, 1924
BOYCE M. FIELD . . . . . MORGANTOWN
ANDRES ANTONIO FRANCESCHI . . . . . YAUCO, P. R.
HECTOR MANUEL GONZALES . . . . . HUMACAO, P. R.
RALPH EDOUARD GOODALL . . . . . BARNESBORO, PA.
JOSEPH CHARLES HALL . . . . . YOUNGSTOWN, OHIO
JOSEPH EDWIN HALL . . . . . NEWELL
ROY OVERT HALLORAN . . . . . HINTON
KENNETH J. HAMRICK . . . . . RENICK
MARVIN RAY HANNUM . . . . . LEVELS
HERMANN LEON HEGNER, JR. . . . . PITTSBURGH, PA.
LEON SAMUEL HIRSH . . . . . MORGANTOWN
GARRETT JACKSON, JR. . . . . CHESTER
PHILP KATZ . . . . . CLEVELAND, OHIO
CLARENCE EDWIN KEEFER . . . . . CAMERON
WILLIAM ELIAS KIMMINS . . . . . DALLAS
MICHAEL KROSNOFF . . . . . LINCOLN HILL, PA.
ALSTON GORDON LANHAM . . . . . RAINELLE
VICTOR MORAWITZ LEFFINGWELL . . . . SHARON, PA.
B. S., Allegheny College, 1921
CLARENCE EMERSON LEWIS . . . . . CHARLESTON
EDWARD HENRY MAJOR . . . . . MORGANTOWN
JOSEPH ALEXANDER MARKLEY . . . . . MORGANTOWN
A. B., West Virginia University, 1928
RALPH MEREDITH MCCOMAS . . . . . HUNTINGTON
A. B., Marshall College, 1927
RALPH MCGRAW . . . . . FOLLANSBEE
JAMES HARTLEY MERING, JR. . . . . CRAFTON, PA.
PAUL GREGORY MODI . . . . . MANNINGTON
A. B., Marietta College, 1925
CLARENCE FISHER MORRISON . . . . . SUTTON
B. S., West Virginia Wesleyan College, 1925
ARTHUR JAMES MOUROT . . . . . MOUNDSVILLE
JOHN HERMAN MURPHY . . . . . WHEELING
CURTIS GARLAND POWER . . . . . MARTINSBURG
FRANCIS CRANDALL PRUNTY . . . . . PARKERSBURG
BENJAMIN BIGSTAFF RADER . . . . . WELCH
Ph. G., University of Louisville, 1923
MAXWELL HARLAND ROSENDALE . . . . FOSTORIA, OHIO
REO MISKIMEN SWAN . . . . . MORGANTOWN
A. B., Muskingum College, 1926

JOHN PAUL TRACH . . . . . FAIRMONT
B. S., Gettysburg College, 1926
CAMILLO THOMAS TROILO . . . . . PITTSBURGH, PA.
JOHN HEERMANS TROTTER . . . . . MORGANTOWN
A. B., West Virginia University, 1928

PHARMACEUTICAL CHEMIST

JAMES FRANKLIN COX, JR. . . . . WHEELING
BERTIS EDWIN DOWNES, JR. . . . . WELCH
ANDREW CLYDE FOSTER . . . . . CHARLESTON
HENRY LOUIS FUEG . . . . . WHEELING
EUGENE ELLSWORTH GOFF . . . . . CLARKSBURG
LENARD GOTLIEB . . . . . WELCH
JOSEPH ANTHONY OLIVERIO . . . . . CLARKSBURG
MICHAEL ALPHONSE RAFFERTY . . . . . WESTON
HARRY DAVID SCHIFF . . . . . MORGANTOWN
THOMAS DAYTON STILES . . . . . HUNDRED
HENRY HOWARD THOMPSON . . . . . THOMAS
CHARLES HERBERT TRAUBERT . . . . . FOLLANSBEE
THOMAS LAWRENCE WILLIAMS . . . . . FAIRMONT

BACHELOR OF LAWS

DAVID AMERIGO ABRUZZINO . . . . . SHINNSTON
JOHN ELLIS AMOS . . . . . CHARLESTON
LESLIE ARTHUR BARBE . . . . . MORGANTOWN
A. B., West Virginia University, 1917
MARY FRANCES BROWN . . . . . KEYSER
A. B., West Virginia University, 1927
JACOB ERNEST CAMPBELL . . . . . MORGANTOWN
HARRISON CONAWAY . . . . . FAIRMONT
A. B., West Virginia University, 1926
ADOLPH EDWARD COOPER . . . . . CASS
WILLIAM KENNON COWDEN, JR. . . . . HUNTINGTON
THOMAS HARDING DUVAL . . . . . WELLSBURG
JAMES LEONARD FEENEY . . . . . PARKERSBURG
MILTON JIMISON FERGUSON . . . . . WAYNE
ANTHONY ELMER FIORENTINO . . . . . ELKINS
HENRY GILLESPIE . . . . . CEDAR GROVE
EUGENE TRIPLETT HAGUE . . . . . PARKERSBURG
JAMES WILLIAM BERT HEILMANN . . . . . MORGANTOWN
LESTER CLAY HESS . . . . . MANNINGTON
A. B., West Virginia University, 1925
ROBERT PAUL HOLLAND . . . . . LOGAN
A. B., Leland Stanford, Junior, University, 1926
JOHN CLAY HOOVER . . . . . WEBSTER SPRINGS
B. S., Washington and Lee University, 1922
WILLIAM EDWARD HUGHES . . . . . PARKERSBURG
KENDALL HAWORTH KEENEY . . . . . RAVENSWOOD
A. B., West Virginia University, 1928
HARRY BONNER LAMBERT . . . . . PARSONS
JACOB BROOKS LAWSON . . . . . MORGANTOWN
A. B., Berea College, 1925
CHARLES FRAZIER LITTLEPAGE . . . . . CHARLESTON
KERMIT ANGUS LOCKE . . . . . MILTON
EDWARD FRANK MCKEE . . . . . TRIADELPHIA

FREDRICK JACKSON MEYER . . . . . DAVIS
BENJAMIN MOATS . . . . . PARKERSBURG
WILLIAM THOMAS O'FARRELL . . . . . WHITE SULPHUR SPRINGS
LUTHER DEETS PARRACK . . . . . TERRA ALTA
ROSCOE HALE PENDLETON . . . . . PRINCETON
CHAUNCEY MILTON PRICE . . . . . MORGANTOWN
HAROLD JEFFERSON SAUM . . . . . LYNDHURST, N. J.
A. M., West Virginia University, 1927
ANNE SARAH SLIFKIN . . . . . BLUEFIELD
CLAIR SMITH . . . . . MORGANTOWN
JOHN BLACKSHERE SMITH . . . . . CLARKBSURG
A. B., West Virginia University, 1925
JAMES ALEXANDER STROTHER, JR. . . . . WELCH
PAUL OTIS SUMMERS . . . . . CLENDENIN
ROY AUGUSTUS WALLRABENSTEIN . . . . WHEELING
CLYDE COSTER WARE . . . . . CLARKSBURG
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CLARA DWIGHT WHITTEN . . . . . PURITAN MINES
JAMES WILLIAM WILSON, JR. . . . . WESTON
A. B., West Virginia University, 1927
WILLIAM HOLT WOODDELL . . . . . WEBSTER SPRINGS
JOSEPH WILLARD WYATT . . . . . HUNTINGTON
A. B., Harvard University, 1925

BACHELOR OF SCIENCE IN CIVIL ENGINEERING

JOSEPH MALCOLM COOKE . . . . . CHARLESTON
WARREN AXTELL DELANCY . . . . . JEFFERSON, PA.
WILLIAM ALBERT FARINA . . . . . PITTSBURGH, PA.
HARRY KENNETH GIDLEY . . . . . MORGANTOWN
LOUIS PAUL GIDLEY . . . . . MORGANTOWN
LEZELLE GONANO . . . . . PAGETON
JOHN BOYD STRICKLING . . . . . WEST UNION
WALTER CHARLES UNDERWOOD . . . . . RAMAGE

BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING

HOWARD RAYMOND ANDREWS . . . . . CHELYAN
THOMAS STANLEY HENRY . . . . . MORGANTOWN
RALPH MALCOM KING . . . . . MORGANTOWN
HENRY GOLDFINCH NEALE . . . . . BUTLER, PA.
FRANK BURT RAMSEY . . . . . MOUNT NEBO
CLARENCE GILBERT VANDERGRIFT . . . . RIDGLEY
PLINIO E. ZERBI Y MARTINEZ . . . . . CAGUAS, P. R.

BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING

FRANK HARRY BACKUS . . . . . MONTGOMERY
WILLIAM STARTLING BOSELY, JR. . . . . MOOREFIELD
GRANT IRWIN BURNER . . . . . MAPLETOWN, PA.
MERRILL CURTIS CLARK . . . . . PRINCETON
THOMAS RANDOLPH COOPER . . . . . DAVIS
PAUL ERWIN DAVIS . . . . . MORGANTOWN
MANUEL SARIEGO DIAZ . . . . . CLARKSBURG
FRANK MASTON FARRY . . . . . EAST BANK
JOSEPH KENNETH GWINN . . . . . HINTON
WILLIAM THOMAS MYERS . . . . . MORGANTOWN
JAMES PERSONS PAINE . . . . . MORGANTOWN

GEORGE ERASTUS PHILLIPS	HINTON
IVAN FRANCIS VANNOY	MORGANTOWN
WILLIAM CLARENCE WALSH	YOUNGSTOWN, OHIO
WILLIAM ANDREW WILLIAMS	MORGANTOWN

BACHELOR OF SCIENCE IN ENGINEERING OF MINES

ELWOOD BOOTH	VIVIAN
LEE MCCLURE MORRIS	KAYFORD
SIDNEY JAMES OWENS	MORGANTOWN

BACHELOR OF SCIENCE IN CHEMICAL ENGINEERING

MARION ROBINSON BLAIR	MORGANTOWN
OSCAR DALE ENGLEHART	MORGANTOWN
WILLIAM PHILIP SCHAMBRA	WHEELING
ROSS CHALFANT SHRIVER	MORGANTOWN
PAUL SWENTZEL	CLARKSBURG
NEAL SWENTZEL	CLARKSBURG

BACHELOR OF SCIENCE

CHARLES PIXLEY CONNELL	HUNTINGTON
JAMES EDWIN WINTER	MORGANTOWN

BACHELOR OF SCIENCE IN AGRICULTURE

WILLIAM RUSSELL BARNARD	PENNSBORO
HERMAN MCCLURE BOWERS	ALASKA
RUSSELL GUY BROWN	MORGANTOWN
CLARENCE HERBERT CARPENTER	SALEM
EDWIN CLIFFORD CARSON	RIPLEY
JAMES HEFLEBOWER CONKLYN	CHARLES TOWN
JOSEPH ELSON CRAIG	MORGANTOWN
BARTLETT FORD DEVER	VICTOR
WALTER GLEN GIFFORD	CLARKSBURG
CHARLES HERBERT HUNTER	POINT MARION, PA.
FRENCH MARION HYRE	FRENCHTON
WILFRED GLEN JOHNSON	MORGANTOWN
WILLIS THORN LINGER	WESTON
DOUGLAS WAYLAND MILLER	GERRARDSTOWN
JOHN MARSHALL PIERPOINT	ALMA
FLOYD FREDERICK ROTHLISBERGER	NEW MARTINSVILLE
GEORGE SHARPE, JR.	MORGANTOWN
JOHN DAVID SPIGGLE	AURORA
LOUIS BUSH SWISHER	WESTON
WALTER HAROLD WAYMAN	WHEELING
SAMUEL JOSEPHUS WEESE	VAN VOORHIS

BACHELOR OF SCIENCE IN HOME ECONOMICS

VERNITA ELLENER ANDERSON	CHARLESTON
MARY ELIZABETH BAXTER	SUTTON
ELEANOR MAUDE BIGELOW	WASHINGTON
LAURA VIVIAN CRAIG	MORGANTOWN
OCELIA ELIZABETH CRANE	MORGANTOWN
ANNA LUCILLE CULLEY	WEST ALEXANDER, PA.
HELEN CAROLINE CURTIS	ELM GROVE

CATHARINE ELEANOR DAVISON	MORGANTOWN
MARGARET BIDDINGTON FLEGEL	POWELLTON
MARY CHRISTINE GLOVER	MORGANTOWN
WILLARD VILLETTA HARTMAN	MORGANTOWN
WINONA KING	RIPLEY
MARY MAGDALENE LAFFERTY	MOUNDSVILLE
RUTH HANSEL MARTIN	MORGANTOWN
ELIZABETH FRANCES MCNEILL	MARLINTON
MAYME BRYAN MORRISON	COX'S MILLS
DOROTHY CLARE PRATT	CHARLESTON
GERALDINE PROTZMAN	MORGANTOWN
VIRGINIA KIRK RIDDEL	SPENCER
DOROTHEA ELIZABETH RIST	WHEELING
GRACE ELEANOR RUTHERFORD	WALLACE
BEATRICE INEZ SCOTT	ELKINS
ALICE HESTER STEWART	FRAME
VADA MARGARET SWART	WHEELING
ESTHER VIRGINIA TABLER	NORTH MOUNTAIN
LUCIE SIDNEY BELLE TRICKETT	MORGANTOWN
MAUDE SUSAN VAN SCOY	LOST CREEK
MARTHA CUSTIS WASHINGTON	CHARLESTON
MARY EDNA WILFONG	DUNMORE
NANCY GENEVIEVE WILLIAMS	BRIDGEPORT
GOLDIE ELLEN WILSON	MORGANTOWN

BACHELOR OF SCIENCE IN EDUCATION

DOROTHY EDITH KLEIN	ELKINS
JOHN WILLIAM UNGER	SHENANDOAH JUNCTION

BACHELOR OF MUSIC IN PUBLIC SCHOOL MUSIC

BEATRICE MAE SCORY	CLARKSBURG
ELLA MARGARET SHUTTLEWORTH	FAIRMONT
LEAH SQUIRES	SUTTON

Alphabetical List of Faculty and Staff

Note: The date following the name indicates the year of appointment to the present position. When a second date is given it indicates the year of first appointment on the University staff. The telephone number follows the Morgantown street address. The names of buildings will be indicated by the following abbreviations: Woodburn Hall, W; Science Hall, S; Martin Hall, M; Mechanical Hall, MH; Hall of Chemistry, C; Oglebay Hall, OH; Experiment Station Building, E; Library, L; Horticulture Building, H; Medical Building, MB; Law Building, LB; Men's Field House, FH; Elizabeth Moore Hall, EM; School of Music Building, SM; Armory, A; University High School, HS.

ABBOTT, ELIZABETH B., Assistant Preceptress, Woman's Hall Annex; 1923; 1929; 247 Willey Street; 258.

ADAMS, EDWARD FORSTALL, First Lieutenant, Infantry, United States Army, D. O. L.; Assistant Professor of Military Science and Tactics; 1929; 508 Boughner Lane; 2424-J; A.

ACKERMAN, RICHARD ATKINS, B. S., (Connecticut, 1928); Assistant in Dairy Husbandry, Agricultural Experiment Station; 1928; 433 Beverly Avenue; 7 OH.

ALLEN, HOWARD BUSHNELL, M. S., (Cornell, 1920); Associate Professor of Agricultural Education; 1925; 1920; 347 Cornell Avenue; 2339-R; 209 OH; 1900.

AMBLER, CHARLES HENRY, Ph. D., (Wisconsin, 1908); Professor of History; 1917; 128 Simpson Street; 1241-R; 414 C.

AMIDON, LEE LEONARD, M. S. M. E., (W. V. U., 1927); Instructor in Steam and Experimental Engineering; 1923; Wilson Avenue 257-R; 107 MH.

AMMONS, NELLIE PERREL, A. M., (W. V. U., 1923); Instructor in Botany; 1920; 1917; 146 Hunt Street; 523-J; 35 S.

ANDREWS, EDGAR LEWIS, M. S. Agr., (Cornell, 1924); Associate Professor of Poultry Husbandry; 1917; 1913; North Willey Street; 2329-M; Second Floor E.

ARCHIBALD, HAROLD FREEMAN, M. S., (Acadia University, 1928); Assistant in Mathematics; 1928; 141 Willey Street; 1067; 209 C.

ARMENTROUT, LEWIS H., Jr., A. B., (W. V. U., 1929); Second Lieutenant, Engineer, O. R. C.; Student Assistant in Military Science and Tactics; 1929; 220 Prospect Street; 1797; A.

ARMENTROUT, WALTER WORDLOW, M. S., (Wisconsin, 1925); Assistant Professor of Farm Economics; and Assistant Farm Economist, Agricultural Experiment Station; 1928; 1924; 420 Beverly Avenue; 247-R; 311 OH.

ARMSTRONG, ROBERT ALLEN, A. M., (Harvard, 1903); L. H. D., (Allegheny, 1908); LL. D., (West Virginia Wesleyan, 1927); Professor of English Language and Literature; 1903; 1893; 814 College Avenue; 29-R; 26-C W.

ARNETT, LONNA DENNIS, Ph. D., (Clark University, 1903); Librarian, and Instructor in Library Science; 1910; 11 Grant Avenue; 2532-W; L.

ARNOLD, THURMAN WESLEY, A. B., (Princeton, 1911); LL. B., (Harvard, 1914); Dean of the College of Law, and Professor of Law; 1927; 901 Riverview Drive; 1944; Dean's Office, LB.

ASHBURN, ROBERT RUSSELL, A. M., (W. V. U., 1928); Instructor in Spanish; 1927; 1925; 30 North Street; 934-W; 11 W.

ATWOOD, HORACE, M. S., AGR., (Cornell, 1927); Poultry Husbandman, Agricultural Experiment Station; 1920; 1911; 1090 Charles Avenue; 1642-M; E.

ATKESON, THOMAS CLARK, PH. D., (Central Normal School, 1891); Professor of Animal Husbandry Emeritus; 1910; Washington, D. C.

AYERS, ALTON M., Instructor in Mining Extension; 1930; Box 203, Caretta, West Virginia.

BALL, JOHN ARTHUR, JR., M. B. A., (Harvard, 1929); Instructor in Business; 1929; 487 High Street, Apartment No. 2; 40 W.

BALTHIS, JOSEPH HENDRICKSON, JR., B. S., (Raldolph-Macon College, 1929); Graduate Assistant in Chemistry; 1929; 1908 University Avenue; 313-M; 116 C.

BANCROFT, GEORGE RUSSELL, PH. D., (Yale Graduate School, 1917); Professor of Biochemistry; 1924; 1920; 124 Lincoln Avenue; 654-J; MB.

BARNETT, MARY BERNICE, A. B., (W. V. U., 1929); D. A. Burt Fellow in Chemistry; 1929; 57 Wilson Avenue; 31-J.

BARNHART, JOHN DONALD, PH. D., (Harvard, 1930); Assistant Professor of History; 1927; 1926; 55 Wilson Avenue; 1254-R; 409 C.

BEAIRD, DAVE MONROE, Staff Sergeant, Infantry, D. E. M. L., United States Army, Assistant to Professor of Military Science and Tactics; 1928; 701 Ridgeway Avenue; 1238-W; A.

BERG, ANTHONY, M. S., (Wisconsin, 1922); Associate Professor of Plant Pathology; and Associate Plant Pathologist, Agricultural Experiment Station; 1926; 1913; 487 High Street; 308 OH.

BERGY, GORDON ALGER., PH. C., M. S., (Michigan, 1916); Professor of Pharmacy; 1921; 1916; Dormont and Lebanon, Hopecrest; 1724-M; 2 W.

BIERER, BARBARA, A. B., (W. V. U., 1927); Assistant in Library; 1929; 2041 University Avenue; 627; L.

BISHOP, CARTER RICHARD, A. M., (W. V. U., 1928); Instructor in English; 1929; 19 McLane Avenue; 1654; 26-A W.

BISHOP, CHARLES EDWARD, PH. D., (Leipzig, 1889); Professor of Greek Language and Literature Emeritus; 1928; 1911; 19 McLane Avenue; 1654.

BLACK, AMOS HALE, A. M., (W. V. U., 1927); Instructor in Mathematics; 1928; 1925; 336 Demain Avenue; 1386; 212 C.

BLACK, LOUIS, New England Conservatory, 1898; Director of the School of Music, and Head of the Vocal Department; 1909; 109 McLane Avenue; 495; 1 SM; 1318.

BLOOM, EDITH McCAY, Storekeeper in Chemistry; 1922; 487 High Street; 1249; 227 C.

BOGGESS, ELLA LOUISE, B. S., (Margaret Morrison-Carnegie Institute, 1925); Assistant in Home Economics and Home Economics Teacher in University High School; 1928; 834 College Avenue; 2014; HS.

BOGGS, IRA BROOKS, State Boys' Club Agent, Agricultural Extension Division; 1929; 1922; 184 Spruce Street; 1663; 106 OH.

BOHAN, JOHN EMLIN, PH. D., (Minnesota, 1926); Associate Professor of Education; 1926; 305 Stewart Street; 2466-J; 15 and 16 W.

BONAR, LLOY DEFOREST, B. S., (W. V. U., 1929); Assistant in Pathology and Bacteriology; 1929; 299 Prospect Street; 2390-J; Second Floor MB.

BONAR, MARTIN LOXLEY, M. S., M. D., (Western Reserve, 1919); Professor of Pharmacology; 1921; 1920; 451 Jefferson Street; 2147; MB.

BOOMSLITER, GEORGE PAUL, M. S. C. E., (Illinois, 1914); Professor of Mechanics; 1920; 21 Wilson Avenue; 571-J; 221 MH.

BOUGHNER, JENNIE DELAWDER, A. B., (W. V. U., 1912); Reference Librarian; 1927; 1915; 705 Willey Street; 2305-J; L.

BOYD, BERTHA JANE, B. S., (Kansas State Agricultural College, 1929); Instructor in Home Economics; 1929; 725 North Willey Street; 2583-R.

BOYERS, FLORA, Assistant in Package Library; 1927; 134 Hunt Street; 1221-J; 22 L.

BRAY, CHARLES McCHESNEY, A. B., (W. V. U., 1914); M. D., (Western Reserve, 1918); Instructor in Physical Diagnosis; 1920; 200 Euclid Avenue; 1128; MB.

BRILL, FLOYD McCAULEY, A. B., (W. V. U., 1928); Second Lieutenant, Infantry Reserve Corps; Student Assistant in Military Science and Tactics; 1927; 124 South Walnut Street; 2332; A.

BROOKS, CHANDLER LINN, Superintendent of Buildings and Grounds; 1917; 1021 College Avenue; 1974-W; Basement W.

BROUZAS, CHRISTOPHER GEORGE, PH. D., (Illinois, 1926); Assistant Professor of Latin; 1926; 1000 Grand Street; 1713-R; 311 C.

BROWN, FRANCES STEVENSON, A. B., (W. V. U., 1927); Secretary of Military Department; 1928; 516 Cobun Avenue; 665-M; A.

BROWN, RUSSELL GUY, B. S. AGR., (W. V. U., 1929); Graduate Assistant in Plant Pathology, Agricultural Experiment Station; 1929; 1928; R. F. D. 2, Box 365; OH.

BROWN, SHERMAN WILLIAM, A. M., (Oberlin College, 1923); Instructor in Romance Languages; 1928; 1924; 516 Cobun Avenue; 665-M; 41 W.

BROWNING, WILLIAM LLOYD, JR., A. B., (W. V. U., 1926); Second Lieutenant, Infantry, O. R. C.; Student Assistant in Military Science and Tactics; 1929; 1928; 224 Park Street; 94; A.

BRUCE, CARLTON HENRY, B. S., (Penn State College, 1928); Assistant in Farm Economics, Agricultural Experiment Station; 1929; King Street, Martinsburg, West Virginia; Bell-858.

BURKE, STEPHEN P., PH. D., (Columbia, 1923); Chairman of Graduate Council and Director of Industrial Research; 1930.

BUTMAN, MARGARET ELIZABETH, (Toronto Conservatory, 1918); Instructor in Piano, Piano Normal Department; 1922; 134 Hunt Street; 1221-J; SM.

CALLAHAN, JAMES MORTON, PH. D., (Johns Hopkins, 1897); Professor of History and Political Science; 1902; 632 Spruce Street; 1772; 415-16 C.

CALVERT, EVERLY G., Part-time Teacher of Industrial Arts in University High School; 1929; 46 Maple Avenue; 769-R; HS.

CAMERON, HAZEL CRABILL, M. A., (Columbia, 1926); Research Specialist in Foods and Nutrition, Agricultural Experiment Station; 1926; Evansdale; 1858-W; Second Floor E.

CARL, WILLIAM JOHN, Instructor in Foundry Practice; 1920; 565 Brockway; 1 MH.

CARLIN, LEO., A. B., LL. B., (W. V. U., 1909, 1910); Professor of Law, 1921; 1916; 224 Wilson Avenue; 282-R; 3 LB.

CARNEY, EMERSON, Manager, University Book Store; 1923; 221 Richwood Avenue; 65-J.

CARPENTER, LEWIS VAN, M. S. Sanitary Eng'g., (Illinois, 1926); Professor of Sanitary Engineering; 1929; 1923; 225 Cornell Avenue; 1628; 112 MH.

CATHER, HENRY CARL, M. S., (Illinois, 1922); Assistant Professor of Mechanics; 1924; 1916; Price Street; 2380-J; 225 MH.

CATHER, HAROLD MALCOLM, M. S. M. E., (W. V. U., 1923); Instructor in Drawing and Machine Design; 1919; The Flats; 1045-M; 210 MH.

CHAMBERS, LIVINGSTON HUNTER, A. B., (W. V. U., 1929); Graduate Assistant in Mathematics; 1928; 240 Willey Street; 967-M; 209 C.

CHAPPELL, LOUIS WATSON, A. M., (Virginia, 1921); Associate Professor of English; 1927; 1923; 425 Grand Street; 1275-J; 30 W.

CHENEY, WINIFRED ROYALE, B. A., (Oberlin, 1928); General Secretary, University Y. W. C. A.; 1928; 550 Spruce Street; 71-J.

CHIDESTER, FLOYD EARLE, PH. D., (Clark, 1911); Professor of Zoology; 1923; 1919; 237 Park Street; 334; 12 S.

CHITWOOD, OLIVER PERRY, PH. D., (Johns Hopkins, 1905); LL. D., (William and Mary, 1926); Professor of History; 1907; 312 Park Street; 1775-J; 411 C.

CHRISTOPHER, DAVID ALFRED, A. M., (W. V. U., 1921); Office Manager, Department of Athletics, and West Virginia University Stadium Corporation; 1923; 264 Waitman Street; 1929; 306 Valley Bank Building.

CLARK, FRIEND EBENEZER, PH. D., (Johns Hopkins, 1902); Professor of Chemistry; 1919; 1914; 649 Spruce Street; 1785; 307 C.

CLARK, ROBERT, M. A., (George Peabody College, 1926); Assistant Professor of Education; 1929; 616 Madigan Avenue; 1371-R; 19 W.

CLARK, THOMAS BAIRD, B. S. AGR., (Toronto, 1927); Assistant in Poultry Research, Agricultural Experiment Station; 1928; 1927; Easton Rd., Box 51, R. 3; 1020-R; Station Poultry Farm.

CLINE, RUSSELL WALTER, M. S., (Virginia Polytechnic Institute, 1927); Assistant in Agricultural Education, and Demonstration Teacher of Vocational Education; 1928; Masontown, West Virginia; 207 OH.

COLE, MARGARET BUCHANAN, PH. D., (Bryn Mawr College, 1922); Acting Associate Professor of Mathematics; 1929; 1908; 72 Wilson Avenue; 64; 207 C.

COLEBANK, GEORGE HENRY, A. M., (Iowa State, 1928); Principal of University High School; 1928; 10 Jones Avenue; 474-J; 1 HS.

COLLETT, ARMAND RENE, PH. D., (Yale, 1923); Assistant Professor of Chemistry; 1926; 1924; 806 Des Moines Avenue; 1642-J; 121 C.

COLWELL, RACHEL HARTSHORN, M. A., (Columbia, 1905); Professor of Home Economics; 1920; 1910; 101 Jackson Avenue; 1769-W; 111 OH.

COLWELL, ROBERT CAMERON, PH. D., (Princeton, 1918); Professor of Physics; 1924; 1918; 332 Demain Avenue; 671-J; 12 M.

CONLEY, JOSEPH DELPHIA, Superintendent, Animal Husbandry Farm; Stewartstown Road, R. F. D. No. 4; 10-F-11.

COPENHAVER, JOHN WILLIAM, B. S., (Emory and Henry, 1929); Graduate Assistant in Chemistry; 1929; 633 Spruce Street; 333-R; 404 C.

COPLIN, LUCY MAY, PH. B., (Chicago, 1923); Teacher of Social Studies, University High School; 1925; 1924; Delmar Building, High Street; 1603-J; HS.

CORE, EARL LEMLEY, A. M., (W. V. U., 1928); Instructor in Botany; 1928; 1926; New Martinsville Pike, Core, West Virginia; Core 6-R-2; 35 S.

CORNELL, FERRIS DEWEY, M. S., (Cornell, 1924); Assistant Professor of Farm Mechanics; and Assistant Farm Mechanician, Agricultural Experiment Station; 1929; 1921; 421 Beverly Avenue; 247-J; 311 OH.

COX, JOHN HARRINGTON, PH. D., (Harvard, 1923); LITT. D., (Ohio Wesleyan, 1923); Professor of English Philology; 1904; 1902; 34 Campus Driveway; 674; 32 W.

CRAIG, FRANK WALDO, M. S. AGR., (W. V. U., 1926); Assistant Horticulturist, Agricultural Experiment Station, Lakin Sub-Station, Lakin, West Virginia.

CRANE, DEE, Potato Specialist, Agricultural Extension Division; 1929; 1914; 900 College Avenue; 2534-J; E.

CRANE, HARLEY LUCIUS, M. S., (W. V. U., 1918); Associate Professor of Horticulture; and Associate Horticulturist, Agricultural Experiment Station; 1920; 1914; resigned, November 1, 1929.

CRANE, MAXINE ELLIOTT, A. B., (W. V. U); D. A. Burt Fellow in Chemistry; 1929; 322 Beverly Avenue; 1550-J.

CRAWFORD, ADAM, Assistant Director of Mining Extension; 1920; 510 Pennsylvania Avenue; 853-J; 115 MH.

CREECH, BENJAMIN FRANKLIN, B. S. AGR., (Kentucky, 1917); Animal Husbandman, Agricultural Extension Division; 1919; 1917; Cornell and Caton; 2534-M; 106 OH.

CRESSWELL, JOHN REGINALD, PH. D., (Cornell, 1926); Assistant Professor of Philosophy; 1929; 202 Jackson Avenue; 2482; 36 L.

CRISLER, GEORGE RUSSELL, PH. D., (Chicago, 1928); Associate Professor of Physiology; 1928; Stewartstown Road; 1961-J; Second Floor MB.

CUNNINGHAM, LELIA MORRIS, (American Conservatory, 1913); Instructor in Piano; 1928; 211 Grant Avenue; 2518-M; 5 SM.

DADISMAN, ANDREW JACKSON, PH. D., (Cornell, 1924); Professor of Farm Economics; Farm Economist, Agricultural Experiment Station; and Director of Summer School; 1929; 1916; 305 Beverly Avenue; 803-J; 311 OH.

DARBY, ARLEIGH LEE, A. M., (Waynesburg, 1907); LITT. D., (Waynesburg, 1926); Professor of French and Italian; 1920; 1910; 487 High Street; 374-R; 14 W.

DAVIDSON, ALFRED HARRY, JR., B. S .C. E., (Texas A. and M., 1929); Research Fellow in Sanitary Engineering; 1930; 112 MH.

DAVIES, EARL CLAUDIUS HAMILTON, PH. D., (Chicago, 1917); Associate Professor of Chemistry; 1920; 255 Richwood Avenue; 435-J; 114 C.

DAVIS, AL, Superintendent, Dairy Husbandry Farm; Cheat Road; R. F. D. No. 3; 513-W.

DAVIS, BRUCE, Superintendent, Horticulture Farm; Horticulture Farm, Cheat Road; 513-M.

DAVIS, FRED ARTHUR, B. S. C. E., (W. V. U., 1898); Special Lecturer in Highway Engineering; 1929; Suncrest Park; 2584-J; MH.

DAVIS, ROLAND PARKER, PH. D., (Cornell, 1914); Assistant Dean, and Professor of Structural and Hydraulic Engineering; 1930; 1911; 333 Demain Avenue; 2308-M; 303 MH.

DAVIS, HANNIBAL ALBERT, PH. D., (Cornell, 1928); Assistant Professor of Mathematics; 1929; 1921; 461 Virginia Avenue; 210 C.

DAVIS, WAYNE McVEIGH, Instructor in Mining Extension; 1929; Madison, West Virginia.

DEAHL, JASPER NEWTON, PH. D., (Columbia, 1906); Professor of Education; 1901; 442 Park Street; 1168-J; 15 and 18 W.

DEAN, HENRY LEE, A. B., (W. V. U., 1929); Graduate Assistant in Botany; 1929; 1927; 284½ Prospect Street; 349-R; 31 S.

DEARBORN, HARLEY LEROY, Staff Sergeant, D. E. M. L., United States Army; Assistant to Professor of Military Science and Tactics; 1921; 14 McLane Avenue; 1664; A.

DEATRICK, EUGENE PEYTON, PH. D., (Cornell, 1917); Associate Professor of Agronomy; and State Boys' Club Agent, Agricultural Extension Division; 1927; 1921; Stewartstown Road; 1961-J; 105 OH.

DEATRICK, LILY BELL, PH. D., (Ohio State, 1921); Associate Professor of Chemistry; 1927; 1920; Stewartstown Road; 1961-J; 224 C.

DICKINSON, EDMUND CHARLES, A. B., (Earlham, 1903); J. D., (Michigan, 1911); Professor of Law; 1921; 317 Simpson Street; 477-J; 5 LB.

DIETRICH, MONTELLE, M. S., (Minnesota, 1929); Instructor in Home Economics; 1929; 160 Fayette Street; 1692-J; 212 OH.

DILLIE, LUCY BELTZHOOVER, (Columbia, 1914); Assistant in Voice; 1921; 201 Jackson Avenue; 1766-J; 11 SM.

DIXON, EVALYN SPURGEON, PH. D., (Cornell, 1929); Instructor in History; 1925; 2157 University Avenue; 764-R; 412 C.

DODD, DAVID ROLLIN, B. S. AGR., (W. V. U., 1914); Assistant Professor of Agronomy; Assistant Agronomist, Agricultural Experiment Station; and Agronomy Specialist, Agricultural Extension Division; 1928; 1914; 304 Maple Avenue; 681-W; 105 OH; resigned February 15, 1930.

DODDS, GIDEON STANHOPE, PH. D., (Pennsylvania, 1910); Professor of Histology and Embryology; 1925; 1918; 829 Price Street; 1267-R; 37 MB.

DONLEY, ROBERT TUCKER, A. B., LL. B., (W. V. U., 1924, 1926); Instructor in Law; 1929; Gapen Apartments; 2196; LB.

DORSEY, ERVIN, M. A., (Peabody College, 1922); Teacher of Vocational Agriculture and Biology in University High School; 1927; 1926; Mansion Avenue; 785-R; 4 HS.

DOVE, WALTER MARSHALL, A. B., (Marshall, 1927); Assistant in Physics; 1928; 240 Willey Street; 967-M; 10 M.

DRAPER, JOHN WILLIAM, PH. D., (Harvard, 1920); Professor of English; 1929; 443 Jefferson Street; 2372-J; 33 W.

DUNLAP, LUCILE SARAH, A. B., (Wittenburg, 1928); Assistant in Chemistry; 1928; 239 Prospect Street; 1350; C.

DUNN, WILLIAM NELSON, A. B., (W. V. U., 1929); Graduate Assistant in Chemistry; 1929; 457 High Street; 982-R; 127 C.

DUSTMAN, ROBERT BARCLAY, PH. D., (Chicago, 1924); Professor of Agricultural Chemistry; and Agricultural Chemist, Agricultural Experiment Station; 1929; 1924; 108 Cornell Avenue; 2534-W; E.

DYE, ARTHUR PINGREE, M. S. AGR., (W. V. U., 1927); Instructor in Horticulture; and Assistant in Horticulture, Agricultural Experiment Station; 1930; 1923; 296 Prospect Street; 127-J; University Greenhouse.

EATON, ALONZO GUY, A. M., (W. V. U., 1928); Instructor in Zoology; 1927; 254 Fife Avenue; 22-A S.

ECKHART, ELIZABETH MARGARET, M. A., (Columbia, 1921); Recreation Specialist, Agricultural Extension Division; 1928; 1921; Oglebay Park, Wheeling; Woodsdale, 891.

EIESLAND, JOHN ARNDT, PH. D., (Johns Hopkins, 1898); Professor of Mathematics; 1907; 316 Demain Avenue; 2308-R; 209 C.

EVANS, WILLIAM ARTHUR, A. B., (Indiana, 1923); Instructor in Journalism; and Secretary, Bureau of Information; 1927; 322 Brockway; 815-R; 52 W.

FAIRFIELD, MILDRED, Secretary to the Dean of the College of Arts and Sciences; 1926; 416 Arch Street; 483-W; 10 W.

FAIRFIELD, RILLA L., Secretary to Secretary of the Board of Governors; 1927- 416 Arch Street; 483-W; 13 W.

FEAR, MARJA STEADMAN, A. M., (W. V. U., 1929); Instructor in Public Speaking; 1929; 1920; 344 Jackson Avenue; 1860; 33 M.

FEDERER, GEORGE ANDREW, JR., A. M., (W. V. U., 1922); Teacher of Natural Science, University High School; 1928; Flats Addition; 1551-R; HS.

FENTON, CLEMENT COLEMAN, M. S., (W. V. U., 1922); M. D., (Cornell, 1925); Professor of Pathology and Clinical Pathology; 1926; 1922; 340 Cobun Avenue; 1150-J; First Floor MB.

FIELD, BOYCE M., B. S., (W. V. U., 1929); Assistant in Anatomy; 1929; 123 Beechurst Avenue; 1661-R; 32 MB.

FLETCHER, HENRY HARVEY, (U. S. M. A., 1910); Major, Infantry, D. O. L., United States Army; Professor of Military Science and Tactics, and Commandant of Cadets; 1927; 249 Grand Street; 261-R; A.

FORD, ORPHA REX, A. M., (W. V. U., 1923); Assistant Professor of Physics; 1925; 1920; on leave of absence 1929-30.

FORMAN, ALEXANDER HARDIE, M. M. E., PH. D., (Cornell, 1909, 1912); Professor of Electrical Engineering; 1916; 1913; 233 Morris Street; 893-M; 124 MH.

FORTNEY, CAMDEN PAGE, B. S. C. E., (W. V. U., 1907); Chief Engineer, State Road Commission; Director of School of Good Roads; Charleston, West Virginia.

FRAME, NAT TERRY, D. Sc., (Colgate, 1928); Director of Agricultural Extension; 1919; 1914; 631 Spruce Street; 219-J; 200 OH.

FRASURE, CARL MAYNARD, PH. D., (Ohio State, 1928); Assistant Professor of Political Science; 1929; 1927; on leave of absence 1929-30.

FRIANT, RAY JEROME, B. S., (Penn State, 1916); Agronomy Specialist, Agricultural Extension Division; 1929; 907 Ridgeway Avenue; 2084; OH.

FRIDLEY, HARRY MARION, PH. D., (Cornell, 1928); Assistant Professor of Geology; 1928; 135 Lorentz Avenue; 1524-M; 128 C.

FRIEL, MABLE, R. N., (Bellevue Memorial Hospital, 1919); Student Health Service Nurse; 1930; 147 Hunt Street; 475; Infirmary.

FRIEND, LLYOD LOWNDES, M. A., (Columbia, 1906); Registrar of the University; 1929; 1925; 312 Euclid Avenue; 1992; First Floor W.

FROMME, FRED DENTON, PH. D., (Columbia, 1914); Dean of the College of Agriculture; and Director of the Agricultural Experiment Station; Chairman of Biological Group, Graduate Work; 1928; Easton Road; 514-J; 101 OH.

FULLER, MARION KENDALL, B. A., (Mt. Holyoke College, 1928); Instructor in Public School Music and Voice; 1929; 208 McLane Avenue; 235-W; 7 SM.

FULLMER, LEE, Mechanician in Department of Physics; 1924; 1916; 308 Highland Avenue; 3 M.

FULTON, MARTHA THEODA, M. A., (Columbia, 1923); Instructor in English; and Student Counselor; 1929; 1923; 160 Fayette Street; 2028-J; L; 1900.

GALPIN, SIDNEY LONGMAN, PH. D., (Cornell, 1912); Professor of Geology; 1927; 321 Simpson Street; 1376-J; 203 C.

GANSTER, JULIA ANN, R. N., (Jefferson Medical College-Hospital, 1924); Student Health Service Nurse; 1925; 147 Hunt Street; 475; Infirmary; resigned February 1, 1930.

GARBER, RALPH JOHN, PH. D., (Minnesota, 1922); Professor of Agronomy and Genetics; Agronomist, Agricultural Experiment Station, and Extension Division; 1923; 1920; Riverview Drive, 2415-J; 105 OH.

GARLAND, CLARENCE EUGENE, PH. D., (Johns Hopkins, 1924); Assistant Professor of Chemistry; 1926; 1924; Riverview Drive, Evansdale; 2427-R; 404 C.

GAUGER, CHARLES, A. B., (Gettysburg College, 1905); Instructor in Economics; 1928; 1353 College Avenue; 2576-J; 40 W.

GEILER, FREDERICK LINCK, B. S. PHAR., (Ohio State, 1928); Instructor in Pharmacy; 1928; 198 Foundry Street; 644-J; 9 W.

GIBSON, JOHN ARTHUR, JR., PH. D., (M. I. T., 1926); Instructor in Chemistry; 1926; 209 Grand Street; 977-J; 310 C.

GIDDINGS, NAHUM JAMES, PH. D., (Wisconsin, 1918); Professor of Plant Pathology, and Plant Pathologist, Agricultural Experiment Station; 1919; 1909; 36 Campus Drive; 667-M; 309 OH; resigned September 1, 1929.

GILL, JAMES HERBERT, M. E., (Minnesota, 1894); Professor of Machine Construction and Superintendent of Shops; 1920; 617 Grand Street; 1689-R; 101 MH.

GIST, RUSSELL HENDERSON, B. S. AGR., (W. V. U., 1915); District Agent, Agricultural Extension Division, Northern District of West Virginia; 1924; 834 College Avenue; 2014; Second Floor OH.

GLASHEEN, WILLIAM SISSON, M. B. A., (Harvard, 1927); Assistant Professor of Accounting; 1929; 1927; on leave of absence 1929-30.

GLASSCOCK, RAYMOND SYLVESTER, M. S. AGR., W. V. U.), 1929); Assistant in Veterinary Science, Agricultural Experiment Station, and Extension Division; 1929; 1927; 411 Beverly Avenue; 2509-J; 106 OH.

GNAGEY, WILLIAM OLIVER, Instructor in Machine Shop Practice; 1920; R. F. D. No. 4; 1498-J; 101 MH.

GOFF, FRED HARDMAN, A. B., (W. V. U., 1929); Second Lieutenant, Infantry, O. R. C.; Student Assistant in Military Science and Tactics, and Student Assistant in Library; 1929; 253 Grant Avenue; 1022-R.

GOULD, EDWIN, B. S. AGR., (W. V. U., 1928); Assistant in Entomology, Agricultural Experiment Station; 1929; Inwood, West Virginia, Field Laboratory.

GOULD, IRA, Creamery Superintendent, College of Agriculture; 1925; 424 Grand Street; Basement OH.

GRAY, THOMAS DAVIS, B. S. HORT., (Maryland, 1915); Landscape Architect, Agricultural Extension Division; 1920; Evansdale; 1239-W; E.

GRAYSON, JOHN FREDERICK, Assistant in Machine Shop; 1929; 505 Grant Avenue; 101 MH.

GREGORY, HENRY CLAY, A. B., (W. V. U., 1927); Assistant in Library; 1929; 1924; 414 Penn. Avenue; 187-R; L.

GRIBBLE, LLOYD RAYMOND, B. S., (Waynesburg, 1929); Graduate Assistant in Zoology; 1929; 22-A S.

GRIFFIN, GRACE MARGARET, A. M., (W. V. U., 1927); Assistant Professor of Physical Education, and Director of Service Program for Women; 1926; 1923; 160 Fayette Street; 1692-J; EM.

GROW, GEORGE WALTER, M. S., (Mass. Inst. of Tech., 1916); Assistant Professor of Machine Design; 1917; 1912; Star City Road; 1045-J; 301 MH.

GRUMBEIN, JOHN BEHNY, M. M. E., (Cornell, 1914); Professor of Steam and Experimental Engineering; 1916; 1903; 204 McLane Avenue; 1885; 120 MH.

HAGER, BUENA BRAND, Assistant Financial Secretary, 1920; 1918; 305 South High Street; 359-M; First Floor S.

HALL, ARTHUR A., B. S. M. E., (W. V. U., 1906); Professor of Electrical Engineering; 1922; 1916; 316 Forest Avenue; 175-M; 124 MH.

HALL, JOSEPH EDWIN, B. S., (W. V. U., 1929); Assistant in Physiology; 1929; 224 Quay Street; 1940-R; Second Floor MB.

HAND, GEORGE HENRY, A. B., (W. V. U., 1928); Director of Athletics and Teacher of Commercial Subjects in University High School; 1929; 1927; 2134 University Avenue; 373-R; 6 HS.

HANSEN, LORENZ PETER, PH. D., (Yale, 1925); Assistant Chemist, Agricultural Experiment Station; 1927; 917 Brown Street, 2377-M; E.

HANST, KENNETH FREDERICK, Captain, Infantry, D. O. L., United States Army; Assistant Professor of Military Science and Tactics; 1929; 159 High Street, Kingwood, West Virginia; Kingwood 62.

HARDMAN, THOMAS PORTER, M. A., (Oxford, 1914); J. D., (Yale, 1915); Professor of Law; 1919; 1913; 521 Grand Street, 1522; 1 LB.

HARE, ALFRED JARRETT, A. M., (W. V. U., 1902); Professor of Latin Language and Literature Emeritus; 1929; 1889; 571 Spruce Street; 870-W.

HARRICK, STEPHEN, A. B., (W. V. U., 1924); Coach of Wrestling; Assistant Varsity Coach of Football; Coach of Freshman Baseball; 1923; Delmar Building; 1630-R; FH.

HARRIS, THOMAS LUTHER, PH. D., (Wisconsin, 1912); Professor of Sociology; 1923; 1921; Box 358-A, R. F. D. 4, Morgantown, West Virginia; 1239-M; 26-B W.

HARTLEY, CHARLES HENRY, B. S. AGR., (W. V. U., 1917); Assistant Director of Agricultural Extension Division; 1917; 1914; The Flats; 147-R; 202 OH.

HARTLEY, MRS. LOUISE FARRELL, Secretary to the Dean of the College of Law; 1924; 245 Richwood Avenue; Secretary's Office, LB.

HAUGHT, JOHN WILLIAM, B. S., (West Virginia Wesleyan, 1927); D. A. Burt Fellow in Chemistry; 1929; 229 Grant Avenue; 254-M.

HAVIGHURST, HAROLD CANFIELD, A. M., LL. B., (Harvard, 1922, 1926); Associate Professor of Law; 1928; 508 Grand Street; 1217-J; 4 LB.

HAYES, ISABEL RAY, Preceptress of the Woman's Hall; 1923; Woman's Hall; 1398.

HAYES, FLORA RAY, A. B., (W. V. U., 1909); Instructor in Theory and History of Music; 1910; 474 High Street; 967-J; 6 SM.

HAYES, LESLIE DAVID, M. E., (Cornell, 1908); Professor of Machine Design and Construction; 1918; 804 College Avenue; 2384; 209 MH.

HAYES, MARGARET RUTH, A. B., (W. V. U., 1928); Reserve Librarian; 1928; 1927; 320 Stewart Street; 2507-W; L.

HAYMAN, JOSEPH LESTER, PH. C., M. S., (Michigan, 1919, 1925); Associate Professor of Pharmacy; 1929; 1919; 504 Grand Street; 2346-R; 2 W.

HEADLEE, ALVAH JOHN WASHINGTON, B. S., (Waynesburg, 1924); Graduate Assistant in Chemistry; 1929; R. D. 4; 123 C.

HEERMANS, MRS. FLORENCE ELLIOTT, Secretary to the Dean of the School of Medicine; 1920; 391 Protzman Street; 2019-R; MB.

HELLEBRANDT, BEATRICE, B. S., (Wisconsin, 1928); Instructor in Physical Education; 1928; 204 McLane Avenue; 1885; EM.

HELMICK, JULIA, Secretary to the Dean of Women; 1929; EM.

HENDERSON, HARRY ORAM, PH. D., (Minnesota, 1928); Professor of Dairy Husbandry; and Dairy Husbandman, Agricultural Experiment Station; 1928; 1919; 424 Grand Street; 860-J; 7 OH.

HESS, BENJAMIN WINFIELD, A. B., (Kansas, 1923); Instructor in Bacteriology; 1928; 800 Union Avenue; Second Floor MB.

HILL, HUBERT, M. S., (North Carolina, 1908); Professor of Chemistry; 1928; 1911; 312 First Street; 1958-R; 322 C.

HILL, LAWRENCE BENJAMIN, PH. D., (Columbia, 1922); Professor of Education; 1920; 1918; 301 Carson Street; 2590; 15 and 19 W.

HINKEL, LYDIA IRENE, MUS. B., (Syracuse, 1916); Assistant Professor of Music; 1921; 354 Spruce Street; 2027; 8 SM.

HITE, MRS. EVELYN PRATT, A. B., (W. V. U., 1898); Cataloguer in the University Library; 1924; 1922; 134 Hunt Street; 1221-J; L.

HODGE, WILLARD WELLINGTON, M. A., (Yale, 1914); Professor of Chemical Engineering, and Assistant Director of Engineering Experiment Station; 1921; 293 Willey Street; 1667; 108 MH.

HOFFMAN, MELVIN BUTLER, M. S., (Michigan State, 1926); Instructor in Horticulture; and Assistant in Horticulture, Agriculture Experiment Station; 1929; 1926; 2028 University Avenue; 1492; 303 OH.

HOOVER, MAX MANLEY, M. S., (Kansas State Agricultural College, 1925); Assistant Professor of Agronomy; and Assistant Agronomist, Agricultural Experiment Station; 1929; 1925; Dillie Street; 1668-W; 105 OH.

HOPKINS, JAMES VINCENT, B. S., (Tennessee, 1917); Dairy Specialist, Agricultural Extension Division; 1923; 206 Grant Avenue; 1919; 202 OH.

HOSKINS, HOMER ARTHUR, M. S. CH. E., (W. V. U., 1928); Research Fellow in Chemical Engineering; 1928; 725 Louise Avenue; 305-J; 108 MH.

HOWARD, HUBERT COLEMAN, M. A., (Ohio State, 1928); Instructor in English; 1928; 432 Beverly Avenue; 1550-R; 23 W.

HUDELSON, EARL, PH. D., (Columbia, 1923); Dean of the College of Education, and Professor of Education; Chairman of the Educational Group, Graduate Work; 1930.

HUMPHREYS, GERTRUDE, A. B., (Illinois, 1919); State Demonstration Agent, Agricultural Extension Division; 1928; 1926; 107 High Street; 389-R; OH.

HURST, BEATRICE, M. A., (Columbia, 1928); Instructor in Physical Education; 1928; 334 Willey Street; 963-W; EM.

JACOBSON, CARL ALFRED, PH. D., (Johns Hopkins, 1908); Professor of Chemistry; 1920; 447 Cedar Street; 1743-M; 110 C.

JAMES, JOSEPH ALPHONSO, B. A., (Bates, 1925); Instructor in French; 1928; 103 West Park Avenue; 443-R; 45 W.

JOHNSON, ARNOLD WALDEMAR, M. B. A., (Harvard, 1929); Instructor in Accounting; 1929; 330 Wilson Avenue; 1795-J; 40 W.

JENNI, CLYDE BERNARD, B. S. CH. E., (W. V. U., 1925); Instructor in Chemical Engineering; 1928; 6 Clements Street; 357-W; 107 MH.

JENNY, GERALD, M. S., (Wisconsin, 1926); Agricultural Editor, College of Agriculture, and Agricultual Experiment Station; 1161 College Avenue; 1714-R; 102 OH.

JOHNSON, CARL EDWARD, B. S., (W. V. U., 1925); M. D., (Northwestern University Medical School, 1928); Assistant Physician, Student Health Service; 1929; 308 Park Street; 302; Infirmary.

JOHNSON, CARL LEONARD, M. A., (Iowa, 1925); Instructor in French; 1925; 50 Anderson Place; 1750; 3 LB.

JOHNSON, DAVID DALE, A. M., (W. V. U., 1903); L. H. D., (Marietta, 1927); Professor of English; 1920; 1902; 20 Campus Drive; 711-M; 24 W.

JOHNSON, MILDRED, Secretary of the College of Engineering; 1925; 362 Overdale Street; 1526; 123 MH.

JOHNSON, SETH ROTH, B. S., (Kentucky, 1929); Assistant in Veterinary Science, Agricultural Experiment Station; 1928; 310 Second Street; 1651; 301 OH.

JOHNSON, JOHN CHARLES, Secretary to the Dean of the College of Agriculture, and Chief Clerk of the Agricultural Experiment Station; 1914; 10 Comuntzis Apartments; 765-J; 101 OH.

JONES, CLEMENT ROSS, M. M. E., (Cornell, 1900); Dean of the College of Engineering; and Professor of Power Engineering; 1911; 1895; 317 Willey Street; 205-J; 123 MH.

JONES, EDWIN CHANNING, M. S. E. E., (Illinois, 1929); Instructor in Electrical Engineering; 1926; 25 Wilson Avenue; 1889-J; 107 MH.

JONES, MRS. HELEN STERRETT, B. S., (Cornell, 1925); Instructor in Home Economics; 1926; 25 Wilson Avenue; 1889-J; 212 OH.

JONES, LLOYD MEREDITH, A. M., (Columbia, 1927); Assistant Professor of Physical Education and Director of Service Program for Men; 1928; 2143 University Avenue; 2106-R; 3 FH.

KALLENBERG, HELEN EMILY, B. S., (Iowa State, 1928); Instructor in Home Economics; 1929; 58 Campus Drive; 2015; Home Management House.

KAY, WILBUR JONES, A. M., (Washington and Jefferson, 1919); Professor of Public Speaking; 1919; 519 Park Street; 1786-W; 34 M.

KEENER, JOSEPH LINDELL, A. B., (W. V. U., 1928); D. A. Burt Fellow in Chemistry; 1929; Cheat Canyon Park; 26-F-2.

KEENER, LOUISE, B. A., (Wellesley, 1924); Secretary to the President; 1929; Cheat Canyon Park; 26-F-2.

KELLEY, MAURICE WILLYLE, M. A., (Maine, 1929); Instructor in English; 1929; 428 Cedar Street; 22 W.

KELLEY, SARAH HAZEL, A. B., (W. V. U., 1928); Graduate Assistant in Chemistry; 1929; 313½ Beverly Avenue; 2497; 205 C.

KENDRICK, WILLIAM HENRY, A. B., (W. V. U., 1913); Assistant Director of Agricultural Extension Division; 1913; West Virginia Four-H Camp, Weston, West Virginia, Jane Lew 51-F-2.

KILE, LESTER G., Superintendent of Agronomy Farm; Agronomy Farm, Cheat Road; 12-F-21.

KING, BENJAMIN WALTER, A. M., (Harvard, 1917); University Editor and Statistician; 1929; 1907; 705 North Willey Street; 2370-J; 1 W.

KNAPP, JOHN OLIVER, B. S. AGR., (W. V. U., 1916); District Agent, Agricultural Extension Division, Southern District of West Virginia; 1923; 1917; c/o Court House, Hinton, West Virginia.

KNOWLTON, HARRY EDWARD, PH. D., (Cornell, 1920); Professor of Horticulture; and Horticulturist, Agricultural Experiment Station; 1929; 1919; 100 Jackson Avenue; 1769-R; 104 OH.

KNUTTI, ELEANOR EDDY, Director, Package Library Service; 1923; 420 High Street; 484; 22 L.

KOEHLER, WALTER ALLOS, PH. D., (Wisconsin, 1924); Professor of Chemical and Ceramic Engineering; 1929; 1924; Riverview Drive; 2427-J; 108 MH.

KRUGER, HAROLD FRED, Instructor in Drawing and Machine Design; 1926; 413 Beverly Avenue; 1530-W; 210 MH.

LAWALL, CHARLES ELMER, M. S., (Lehigh, 1921); Director of the School of Mines, Director of Extension of the Industrial Sciences, and Professor of Mining Engineering; 1930; 1921; 209 Grant Avenue; 1864-J; 121 MH; 74.

LAZZELL, CHARLES LESTER, PH. D., (Yale, 1927); Assistant Professor of Chemistry; 1928; 1920; 309 McLane Avenue; 2523-M; 305 C.

LEITH, THEODORIC BRYANT, M. S., (W. V. U., 1926); Assistant Chemist, Agricultural Experiment Station; 1923; 1919; Evansdale; 2045-J; E; 1900.

LEONIAN, LEON H., PH. D., (Michigan, 1922); Associate Professor of Plant Pathology; and Associate Plant Pathologist, Agricultural Experiment Station; 1927; 1922; Cornell and Price Avenue; 2377-R; 309 OH.

LIGON, WILLIAM SCHERFFIUS, B. S. AGR., (Kentucky, 1925); Graduate Assistant in Agronomy, Agricultural Experiment Station; 1929; 185 Grant Avenue; 2468-M; Second Floor E.

LIVESAY, EDWARD ALEXANDER, D. SC., (Harvard, 1928); Professor of Animal Husbandry; and Animal Husbandman, Agricultural Experiment Station; 1919; Oliver Drive, Evansdale; 1858-R; 106 OH.

LONG, JAY EVERETT, A. B., (W. V. U., 1926); Assistant to the Registrar; 1929; 12 West Front Street; 1038-J; Registrar's Office W.

LONGWELL, JOHN HARWOOD, A. M., (Missouri, 1920); Assistant Professor of Animal Husbandry; and Assistant Animal Husbandman, Agricultural Experiment Station; 1927; 1921; Rawley Street; 2413-R; 106 OH.

LOTHROP, LYDIA C., PH. D., (California, 1926); Instructor in History; 1926; 35 Jones Avenue; 1262-J; 412 C.

LOVETT, THELMA, A. B., (W. V. U., 1927); Graduate Assistant in Zoology; 1929; 27 Overhill Street; 1087-J.

LYNCH, CHARLES SCOTT, A. B., (W. V. U., 1925); Graduate Assistant in Chemistry; 1929; 487 High Street; 1249; 115 C.

LYTLE, CLARA, M. A., (Columbia, 1921); Instructor in English; 1919; 208 Park Street; 1165; 29 W.

MACKAY, DOROTHY LOUISE, Doctor de l'Universite de Paris, (Paris, 1919); Assistant Professor of History; 1927; 1926; 57 Wilson Avenue; 31-J; 427 C.

MACLIN, EDWARD SILVER, B. S., (Tennessee, 1916); Professor of Industrial Education; 1921; 203 Jackson Avenue; 1744-J; 113 MH.

MAHAN, WALTER EVERETT, A. B., LL. B., (W. V. U., 1925, 1927); Assistant Coach of Football; 1928; Wellsburg, West Virginia.

MALONE, LEE F., A. B. (W. V. U., 1929); Second Lieutenant, Infantry, O. R. C.; Student Assistant in Military Science and Tactics; 1929; 320 Simpson Street; 1930; A.

MANN, FLETCHER WILLS, A. B., (W. V. U., 1929); Assistant in Law Library; 1928.

MANNING, WARREN FRANCIS, A. M., (Harvard, 1924); Instructor in French; 1928; Anderson Place; 1750; 45 W.

MARTENS, JAMES H. C., PH. D., (Cornell, 1926); Acting Assistant Professor of Geology; 1929; 232 Wagner Road; 477-W; 102 C.

MASON, RALPH LEE, B. S. AGR., (Connecticut Agricultural College, 1912; Poultry Specialist, Agricultural Extension Division; 1929; 1919; 1124 Smithfield Street; 3284-J; State Poultry Plant, Parkersburg, West Virginia.

MATHEWS, ROBERT MAURICE, PH. D., (Illinois, 1925); Associate Professor of Mathematics; 1926; died October 20, 1929.

MAXWELL, GEORGE RALPH, B. S., (W. V. U., 1921); M. D., (Cincinnati, 1923); 79 Grandview Avenue; 1148; MB.

MAYNARD, SIDNEY BAKER, M. A., (Nebraska, 1927); Instructor in Spanish; 1928; 487 High Street, Apartment 7; 2411; 426 C.

McCUBBIN, EARL NOEL, A. M. AGR., (Missouri, 1928); Assistant in Horticulture, Agricultural Experiment Station; 1928; 400 Stewart Street; 569-J; 103 OH.

McCUTCHEN, ROY MARSH, M. S., (Stevens Institute of Technology, 1917); Captain, Corps of Engineers, D. O. L. United States Army; Assistant Professor of Military Science and Tactics; 1926; 243 Morris Street; 1319-J; A; returns to regular army service July 1, 1930.

McELROY, DENNIS LEE, B. S. E. M., (W. V. U., 1927); Research Fellow in Mining; 1928; 467 Union Street; 845-M; 121 MH.

McGAW, WILBERT HERSMAN, B. S., (Wooster, 1921); M. D., (Western Reserve, 1925); Instructor in Physical Diagnosis, Physician in Charge of Student Health Service; 1929; 652 Spruce Street; 2393; 147 Hunt Street.

McGREW, JAMES FRED, M. A., (Wisconsin, 1926); Acting Assistant Professor of Public Speaking; 1929; 322 Beverly Avenue; 1550-J; 30 M.

McILVAINE, THEODORE CLINTON, PH. D., (Ohio State, 1929; Assistant Agronomist, Agricultural Experiment Station; 1920; 1918; Lakin Sub-Station, Lakin, West Virginia.

MEISEL, LOUIS DAVID, Assistant Coach of Football; 1929; 670 North High Street; 422.

MEREDITH, LONA KATE, A. B., (W. V. U., 1916); Part time Teacher of Art in University High School; 1927; 50 Lincoln Avenue; 971-R; 10 HS.

MESTREZAT, WALTER ALEXANDER, Chief Musician, Cadet Corps, and Instructor in Band Music; 1901; 950 University Avenue; 23; A.

MITRANI, CHARLES, PH. D., (Harvard, 1929); Assistant Professor of Romance Languages; 1924; 1921; 354 Harvard Street; 671-R; 43 W.

MODDER, MONTAGU FRANK, A. M., (Clark, 1920); Associate Professor of English; 1927; 101 Jackson Avenue; 1545-R; 49 W.

MOLBY, FRED A., PH. D., (Cornell, 1910); Professor of Physics; 1921; 1920; 301 Cornell Avenue; 391; 12 M.

MOORE, SUSAN MAXWELL, A. B., (W. V. U., 1909); Instructor in Piano; 1903; 174 First Street; 1958-J; SM.

MORRIS, RUSSEL LOVE, C. E., (W. V. U., 1898); Professor of Railway and Highway Engineering; 1903; 1895; 244 Grand Street; 621-J; 220 MH.

MORRIS, SAMUEL, PH. D., (Ohio State, 1921); Professor of Chemistry; 1921; 1916; 126 Simpson Street; 623-M; 106 C.

MORRIS, SAMUEL JOHN, M. D., (W. V. U., Maryland, 1912); Professor of Anatomy; 1920; 1912; 205 Kingwood Street; 960-J; 39 MB.

MORROW, KENNETH SINCLAIR, M. S., (Minnesota, 1918); Assistant Professor of Dairy Husbandry; and Assistant Dairy Husbandman, Agricultural Experiment Station; 1928; Riverview Drive; 791-J; 7 OH.

MOSHER, JOHN INGLIS, A. M., (Harvard, 1925); Assistant Professor of Economics; 1928; 1926; on leave of absence 1929-30.

MURPHY, WALLACE CARLTON, PH. D., (Illinois, 1928); Acting Assistant Professor of Political Science; 1928; 3 Watts Street; 8937; 410 C.

MYERS, IRA ODELL, M. S., (W. V. U., 1927); Instructor in Physics; 1927; 117 Quay Street; 10 M.

NEFF, CHARLES THOMPSON, JR., A. B., (W. V. U., 1921); Secretary, Board of Governors; 1927; 308 Morris Street; 2557; 13 W.

NELSON, ROY EZEKIEL, M. S., Highway Engineering, (Iowa State, 1925); Assistant Professor of Railway and Highway Engineering; 1925; 1921; 373 Brockway Avenue; 1563; 222 MH.

NESBITT, NELL, A. M., (Chicago, 1912); Assistant Professor of Home Economics; and Home Management Specialist, Agricultural Experiment Station; 1924; on leave of absence 1929-30.

NEWTON, RICHARD, A. B., (Reed, 1928); Research Fellow in Chemical Engineering; 1928; Faculty Club; 1067; 107 MH.

NOER, RUTH DOUGLAS, M. S., (Minnesota, 1925); Assistant Professor of Home Economics; and Dean of Women; 1929; 1925; 358 Spruce Street; 1623-R; Second Floor EM.

NORTH, HENRY FRANK AIDEN, M. S. AGR., (W. V. U., 1926); Assistant in Agronomy and Genetics; 1928; 1926; resigned September 1, 1929.

OLNEY, ROY A., PH. D., (Cornell, 1929); Assistant Professor of Agricultural Education; 1922; 4 Mansion Avenue; 785-J; 207 OH.

OLSON, HAROLD CECIL, B. S., (S. D. State, 1928); Graduate Assistant in Dairy Husbandry; 1928; State Dairy Farm; 514-R; 1 OH.

ORTON, CLAYTON ROBERTS, PH. D., (Columbia, 1924); Professor of Plant Pathology; and Plant Pathologist, Agricultural Experiment Station; 1929; 36 Campus Drive; 2498; 309 OH.

OVREBO, PAUL JOHANNES, PH. D., (Chicago, 1928); Assistant Professor of Physics; 1929; 1928; 661 Price Street; 1162-R; 10 M.

OWENS, RALPH GARDNER, M. S., (Ohio State, 1928); Instructor in Physics; 1928; 511 North High Street; 2494; 10 M.

PAGE, MARY NADINE, M. A., (Chicago, 1925); Instructor in English; 1925; 1464 University Avenue; 1067; 29 W.

PALMER, BETH MAE, M. S., (Iowa State, 1927); Assistant Professor of Home Economics; 1927; 420 High Street; 1938-R; 211 OH.

PARSONS, DICKSON WARD, PH. D., (Cornell, 1930); Assistant Professor of Agricultural Education; 1929; 1923; 1239 College Avenue; 1714-W; 207 OH.

PEAIRS, LEONARD MARION, PH. D., (Chicago, 1925); Professor of Entomology; and Entomologist, Agricultural Experiment Station; 1914; 1912; 104 Jones Avenue; 895; 306 OH.

PETTIGREW, HELEN PURINTON, A. M., (W. V. U., 1921); Instructor in English; 1924; 1920; 76 Grandview Avenue; 427; 21 W.

PIERRE, WILLIAM HENRY, PH. D., (Wisconsin, 1925); Associate Professor of Agronomy and Soils; and Associate Agronomist, Agricultural Experiment Station; 1929; 792 Grand Street; 972-R; Second Floor E.

POLLOCK, REBECCA LUELLA, PH. D., (Iowa State, 1926); Professor of Education; 1927; 1916; 300 Glendon Avenue; 2381-R; 15 and 17 W.

PORTERFIELD, ALLEN WILSON, PH. D., (Columbia, 1910); Professor of German; 1924; 1899; Faculty Club; 1067; 26-D W.

POUNDSTONE, JAMES STANLEY, Instructor in Mining Extension; 1924; 313 Spring Road; 2091; 121 MH.

PRAY, HENRY AUGUSTUS, PH. D., (Wisconsin, 1925); Instructor in Chemistry; 1926; 505 Beverly Avenue; 2422-R; 204 C.

PRETTYMAN, HUGH WILLARD, B. S. AGR., (W. V. U., 1917); District Agent, Agricultural Extension Division; 1917; Inwood, West Virginia.

PRIDE, CECIL BENJAMIN, A. B., (Ohio Wesleyan, 1916); M. D., (Western Reserve, 1923); Instructor in Principles and Practice of Surgery; 1926; 451 Jefferson Street; 2147; MB.

PURINTON, BERTHA BROWNING, A. M., (W. V. U., 1903); Assistant Registrar; 1928; 1919; 109 Gaston Avenue; 311-R; Registrar's Office W.

PURINTON, DANIEL BOARDMAN, PH. D., (Nashville, 1892); LL. D., (Denison, 1889); President, and Professor of Philosophy, Emeritus; 1911; 1873; 85 Grandview Avenue; 427.

RAFFERTY, MICHAEL ALPHONSE, PH. C., (W. V. U., 1920); Assistant in Pharmacology, and Biochemistry; 1929; 2021 University Avenue; 2008-J; MB.

RANDOLPH, BYRON BENEDUM, A. B., (W. V. U., 1927); Graduate Assistant in Economics; 1927; 1925; 310 Second Street; 1651; 28 W.

RAPKING, AARON HENRY, A. B., (Baldwin Wallace, 1912); Rural Organization Specialist, Agricultural Extension Division; 1921; State 4-H Camp, Weston, West Virginia, Jane Lew 51-F-2.

REAY, MARGARET VIRGINIA, A. B., (W. V. U., 1923); Assistant Cataloguer in the University Library; 1927; 154 Holland Avenue; 53; L.

REED, ELIZABETH FROST, A. M., (Columbia, 1919); Instructor in English; 1919; Lebanon Avenue, Hopecrest; 2366-J; 21 W.

REED, PERLEY ISAAC, PH. D., (Ohio State, 1916); Professor of Journalism; 1927; 1920; Lebanon Avenue, Hopecrest; 2366-J; 52 W.

REESE, ALBERT MOORE, PH. D., (Johns Hopkins, 1900); Professor of Zoology; 1907; Hopecrest Addition; 1724-W; 24 S.

REYNOLDS, CLARENCE NEWTON, PH. D., (Harvard, 1919); Associate Professor of Mathematics; 1925; 1921; 217 McLane Avenue; 235-J; 213 C.

RICHARDSON, MARY LOUISE, A. B., (W. V. U., 1927); Assistant Reference Librarian; 1927; 445 Glenn Street; 862-W; L.

RICHMOND, JEAN ELNORA, M. A., (Iowa, 1924); Assistant Professor of Home Economics and Education; 1924; 1464 University Avenue; 111 OH.

RIETZ, JOHN HARRISON, M. S., (Ohio State, 1929); Associate Professor of Veterinary Medicine; and Associate Veterinarian, Agricultural Experiment Station; 1928; 1927; Rotary Street; 1933-M; 301 OH; 1030.

RIGGLEMAN, LEONARD, M. A., (Southern Methodist, 1924); Rural Organization Specialist, Agricultural Extension Division; 1928; Barboursville, West Virginia; 52.

ROBERTS, WARREN RANGELEY, Instructor in Mining Extension; 1929; Logan, West Virginia.

RODGERS, IRA ERRETT, A. B., (W. V. U., 1920); Coach of Football and Baseball; 1925; 1920; 301 Glendon Avenue; 956; FH.

ROESCH, LYDIA, A. M., (W. V. U., 1927); Instructor in German; 1926; 1925; 184 Spruce Street; 1663; 25 W.

ROWLEY, HOMER KING, M. S. AGR., (W. V. U., 1927); Seed Analyst, Agricultural Experiment Station; 1925; 1924; Oglebay Hall; 1030; 310 OH.

RUFENER, LOUIS AUGUST, PH. D., (Harvard, 1915); Professor of Economics; 1922; 1920; Lebanon Avenue, Hopecrest; 1724-R; 28 W.

RUMSEY, WILLIAM EARL, B. S. AGR., (Cornell, 1891); State Entomologist; 1913; 1893; 443 Park Street; 671-R; 306 OH.

RUNNER, CHARLES MICHAEL, Stationary Engineer, College of Engineering; 1919; 213 Kingwood Street; 696-R; 15 MH.

SAMUEL, HARRY LAWRENCE, M. S. in Public Health, (Michigan, 1928); Assistant Professor of Physical Education, and Director of Intramural Athletics; 1928; 327 Maple Avenue; 1783-W; 2 FH.

SAPOSNEKOW, JACOB, M. S., (Columbia, 1917); Assistant Professor of Sociology; 1924; 50 Anderson Place; 1750; 40 W.

SAYRE, GREEK, A. M., (W. V. U., 1920); Instructor in English; 1922; 1918; 16 Overhill Street; 193-W; 24 W.

SCHNEIDERHAN, FELIX JOHN, M. S. Plant Pathology, (Minnesota, 1915); Associate Plant Pathologist, Agricultural Experiment Station; 1929; Inwood, West Virginia.

SCHNOPP, WALTER CLINTON, B. S. AGR., (W. V. U., 1925); Extension Publicity Specialist and Editor, Agricultural Extension Division; 1929; 1923; Evansdale Addition; 2415-R; 202 OH.

SCHOTT, CARL PETER, PH. D., (Columbia, 1928); Director of the Division of Physical Education, and Professor of Physical Education; 1928; 56 Campus Drive; 2419; 1 FH.

SCHULTZ, HENRY THOMAS, Staff Sergeant, Corps of Engineers, D. E. M. L., United States Army; Assistant to Professor of Military Science and Tactics; 1923; Evansdale, P. O. Box 155; A.

SCRANAGE, GLADYS MAE, B. S. H. E., (W. V. U., 1924); District Home Demonstration Agent, Agricultural Extension Division; 1928; 1924; Hinton, West Virginia.

SEAMAN, RAYMER EGBERT, Instructor in Woodworking and Foundry Practice; 1912; 750 College Avenue; 311-M; 205 MH.

SHANKS, CAROLINE LEWIS, PH. D., (Cornell, 1917); Instructor in History; 1926; 329 Spruce Street; 645-J; 427 C.

SHARPE, GEORGE, B. S. AGR., (W. V. U., 1929); Assistant in Entomology; 1929.

SHAW, EDWARD LEE, B. S. AGR., (Ohio State, 1902); Sheep Specialist, Agricultural Extension Division; 1917.

SHEPHERD, VOLNEY WILLIAM, A. B., (Washington State, 1924); Instructor in Piano; 1928; 1927; 343 Dorsey Avenue; 1227-W; Music Annex.

SHERWOOD, EVERETT CLINTON, M. S., (Wisconsin, 1920); Assistant Plant Pathologist, Agricultural Experiment Station; Plant Disease and Insect Specialist, Agricultural Extension Division; 1920; 834 College Avenue; 2014; 308 OH.

SHINN, LEO C., A. B., (W. V. U., 1926); Graduate Assistant in Mathematics; 1929; 267 Grant Avenue; 1831-J; 212 C.

SHORTRIDGE, WILSON PORTER, PH. D., (Minnesota, 1919); Dean of the College of Arts and Sciences and Professor of Political Science; 1929; 1922; 332 Kingwood Street; 924-W; 10 W.

SHRIVER, LELAND CLARENCE, M. S. CH. E., (W. V. U., 1929); Assistant in Agricultural Chemistry, Agricultural Experiment Station; 324 Forest Avenue; 186-R; E.

SIBBALD, MINERVA LAWSON, B. M., (W. V. U., 1926); Instructor in Public School Music; 1925; 1923; 354 Spruce Street; 2027; 7 SM.

SIMONSON, RUTH JEAN, A. B., (Upper Iowa, 1920); Instructor in Public Speaking; 1925; 2157 University Avenue; 764-R; 33 M.

SIMONTON, JAMES WIGGINS, A. B., (Indiana, 1903); J. D., (Chicago Law School, 1908); S. J. D., (Harvard Law School, 1924); Professor of Law; 1926; 1914; 268 Allison Street; 1553-J; L.

SIMPSON, JOHN NATHAN, A. B., (Peabody, 1893); M. D., (Johns Hopkins, 1902); Dean of the School of Medicine, and Professor of Medicine; 1912; 1902; 63 Wilson Avenue; 244-J; MB.

SKUCE, THOMAS WESLEY, B. S., (Michigan State, 1924); Forestry Specialist, Agricultural Extension Division; 1925; Riverview Drive; 2427-M; E.

SLIFKIN, ANNE SARAH, LL. B., (W. V. U., 1929); Librarian, College of Law; 1929; 591 Spruce Street; 349-W; Library LB.

SLY, JOHN FAIRFIELD, PH. D., (Harvard, 1925); Professor of Political Science, Director of the Bureau of Government Research, and Chairman of Social Science Group, Graduate Work; 1930; 413 C.

SMITH, ANDREW H., Supervisor of Mine Foreman Training; 1928; Beckley, West Virginia.

SMITH, ARTHUR, Coach of Track and Field, 1923; 244 Waitman Street; 914-W; FH.

SMITH, FRED MANNING, PH. D., (Cornell, 1922); Assistant Professor of English; 1927; 132 Simpson Street; 1897; 31 W.

SMITH, HOWARD, B. S. AGR., (W. V. U., 1921); Superintendent of Poultry Farm; Easton Road; 1020-J.

SMITH, WILLIAM REGINALD, M. A., (W. V. U., 1929); Order Clerk and Bindery Assistant; 1929; 146 Hunt Street; 523-J; L.

SNEE, GRACE MARTIN, B. M., (Virginia College, 1896); Instructor in Piano and Pipe Organ; 1901; 1897; 223 Hagens Avenue; 929-R; 12 SM.

SNIDER, CLIFFORD RAYMOND, A. B., (W. V. U., 1914); LL. B., (W. V. U., 1917); S. J. D., (Harvard, 1919); Professor of Law; 1922; 1921; 487 High Street; 374-R; 2 LB.

SOUPART, SYLVIA JOSEPHINE, M. S., (Teachers' College, Columbia, 1924); Teacher of English, University High School; 1925; 125 Fayette Street; 1049-J; 2 HS.

SPRAY, ROBB SPALDING, PH. D., (Chicago, 1923); Professor of Bacteriology and Hygiene; 1927; 1921; 308 South High Street; 997-R; Second Floor MB.

SPANGLER, PAULINE RICHARDSON, A. B., (W. V. U., 1923); State Girls' Club Agent, Agricultural Extension Division; 1929; 1925; 468 Spruce Street; 141-M; 202 OH; 1900.

SPANGLER, ROBERT CLIFTON, PH. D., (Chicago, 1925); Professor of Botany; 1926; 1914; 729 Naomi Street; 207-J; 33 S.

SPIKER, CLAUDE CARL, PH. D., (Chicago, 1922); Professor of French and Spanish; 1926; 1913; 104 Jackson Avenue; 1545-W; 47 W.

STABB, WILLIAM ANDERSON, E. M., (Lehigh, 1910); Assistant Professor of Mining Engineering; 1926; 346 Cobun Avenue; 1150-R; 121 MH; 74.

STADSVOLD, FRANCIS, A. B., LL. B., (Minnesota, 1917, 1920); Coach of Basketball; 1920; Fosston, Minnesota; FH.

STALNAKER, ELIZABETH MATTINGLY, PH. D., (Johns Hopkins, 1923); Professor of Psychology; 1928; 1925; 354 Spruce Street; 211-W; 30 L.

STANSBURY, HARRY ADAMS, B. S., (West Virginia Wesleyan, 1915); Director of Athletics; 1916; 108 Wilson Avenue; 1641; 306 Valley Bank Building.

STATHERS, MADISON, PH. D., (Grenoble, 1905); Professor of Romance Languages; 1910; 1906; 236 Grand Street; 594-W; 11 W.

STELZER, ROLAND OTTO, B. S., (Wisconsin, 1926); Assistant in Farm Economics, Agricultural Experiment Station; and Farm Management Specialist, Agricultural Extension Division; 1929; 309 Stewart Street; 1190-M; 311 OH.

STEMPLE, FORREST WILBUR, PH. D., (Cornell, 1929); Associate Professor of Education; 1927; 1916; 10 McLane Avenue; 2414-J; 15 and 17 W.

STEWART, JAMES SCOTT, M. S., (W. V. U., 1880); Professor of Mathematics, Emeritus; 1907; 1877; 146 Willey Street; 120-R; 120 H.

STEWART, MELVILLE, A. B., (W. V. U., 1915); Assistant in Physical Education; 1929; 204 Grant Avenue; 1111-J; 1 FH.

STILLMAN, HERMAN DELOSS, Assistant in Woodworking; 1920; 357 Falling Run Street; 11-W; 205 MH.

STOCKDALE, CHARLES ELLSWORTH, M. S. AGR., (W. V. U., 1925); State Agent, Agricultural Extension Division; 1925; 1916; 451 Stewart Street; 1948-R; 202 OH.

STONE, HARRY EVERETTE, A. M., (Columbia, 1922); Dean of Men; 1922; 208 Maple Avenue; 1163-W; 11 M.

STONE, VIVIAN, M. A., (Columbia, 1927); Assistant Professor of Home Economics; 1929; 591 Spruce Street; 349-W; 112 OH.

STOOPS, LOWRY McELVAINE, A. B., (W. V. U., 1917); Assistant Director of Athletics; 1926; 414 Grant Avenue; 1146; 306 Valley Bank Building; 1641.

STOUT, CLYDE GRAHAM, Instructor in Mining Extension; 1925; Welch, West Virginia.

STRAUSBAUGH, PERRY DANIEL, PH. D., (Chicago, 1920); Professor of Botany; 1923; Belmar Avenue; 834-J; 32 S.

STRONG, PASCHAL NEILSON, C. E., (Cornell, 1925); (U. S. M. A., 1922); Assistant Professor of Military Science and Tactics; 1928; 549 Madison Avenue; 1272-R; A.

STUMP, HENRY CHARLES, (West Chester Teachers' College, 1923); Assistant in Public School Music; 1924; 812 Grand Street; 1728-J; 7 SM.

SUTTON, LUTHER FRANCIS, B. S. AGR., (Wisconsin, 1912); Assistant Dairy Husbandman, and Superintendent of Reymann Memorial Experimental Farms, Agricultural Experiment Station; 1917; 1912; Reymann Memorial Farms, Wardensville, West Virginia.

TALBOTT, WILLIAM BROWN, Instructor in Mining Extension; 1927; Bramwell, West Virginia.

TALLMAN, CHARLES CAMERON, LL. B., (W. V. U., 1925); Coach of Freshman Football; 1929; Huntington, West Virginia.

TAYLOR, JENNINGS BRYAN, M. S., (Kentucky, 1922); Instructor in Anatomy; 1926; 556 Jones Avenue; 2009-W; 32 MB.

TAYLOR, LELAND HART, SC. D., (Harvard, 1922); Associate Professor of Zoology; 1927; 1922; 116 Lincoln Avenue; 1733-J; 24 S.

THOMAS, BEATRICE, B. S., (Wisconsin, 1928); Instructor in Physical Education; 1928; 10 Jones Avenue; 474-J; EM.

THOMPSON, EDNA PIXLER, Secretary to the College of Education; 1922; 239 Grant Avenue; 15 W.

THURSTON, LLYOD MASSENA, PH. D., (Minnesota, 1928); Assistant Professor of Dairy Husbandry; and Assistant Dairy Husbandman, Agricultural Experiment Station; 1929; 796 Grand Street; 1726-W; 8 OH.

TILTON, JOHN LITTLEFIELD, PH. D., (Chicago, 1910); Professor of Geology; 1923; 1920; 212 Euclid Avenue; 1275-M; 201 C.

TISDALE, ELLIS SPENCE, B. S., Sanitary Engineering (Massachusetts Institute of Technology, 1915); Chief Engineer, Division of Sanitary Engineering, State Department of Health, and Director of Conference on Water Supply and Purification; Charleston, West Virginia.

TROTTER, FRANK BUTLER, A. M., (Roanoke, 1890); LL. D., (West Virginia Wesleyan, 1914); President Emeritus, and Professor of Latin; 1928; 1907; 108 McLane Avenue; 151; 310 C.

TUCKWILLER, ROSS HOMAN, B. S. AGR., (W. V. U., 1916); Assistant Animal Husbandman, Agricultural Experiment Station; 1916; Lewisburg, West Virginia; resigned September 1, 1929.

TURNER, BIRD MARGARET, PH. D., (Bryn Mawr, 1920); Associate Professor of Mathematics; 1925; 1923; 107 High Street; 253-J; 210 C.

TURNER, JOHN ROSCOE, PH. D., (Princeton, 1913); LL. D., (W. V. U., 1928); President; 1928; 1549 University Avenue; 216; President's Office W.

VACHERESSE, EDWARD, Coach of Boxing, and Assistant Freshman Football Coach; 1928; 672 North High Street; 228; FH.

VANLANDINGHAM, AUDREY HOWARD, B. S. in AGR., (South Georgia A. and M. College, 1929); Graduate Assistant in Agricultural Chemistry, Agricultural Experiment Station; 1929; 185 Grant Avenue; 2468-M; E.

VAN LIERE, EDWARD JERALD, PH. D., (Chicago, 1927); Professor of Physiology; 1921; 312 South High Street; 623-J; Second Floor MB.

VEHSE, CHARLES HENRY, M. S., (Brown, 1926); Assistant Professor of Mathematics; 1929; 216 Rawley Street, Evansdale; 2006-J; 206 C.

VICKERS, ENOCH HOWARD, A. M., (Harvard, 1894); Professor of Economics and Sociology; 1911; 820 College Avenue; 2136; 28 W.

WADEPHUL, WALTER, PH. D., (Wisconsin, 1921); Assistant Professor of German; 1926; 309 Gordon Street; 867; 20 W.

WATSON, HOBART, Instructor in Mining Extension; 1925; Mount Hope, West Virginia.

WEAKLEY, CHARLES EDWARD, JR., A. B., (W. V. U., 1924); Assistant Chemist, Agricultural Experiment Station; 1907; Star City Road; 2481-R; E.

WEIL, JEANETTA, Chief Clerk, Agricultural Extension Division; 1911; 1910; 590 Spruce Street; 1696-J; 201 OH.

WELCH, CONSTANCE, M. A., (Northwestern, 1924); Assistant Professor of Public Speaking; 1928; 1926; 33 M; resigned, July 1, 1930.

WELCH, WILLIAM ARTHUR, A. B., (W. V. U., 1928); D. A. Burt Fellow in Chemistry; 1929; 284 Wiles Street; 1162 W.

WEST, RUFUS ASA, Instructor in Metal Working; 1919; 1892; 301 First Street; 368-J; 2 MH.

WESTOVER, KYLE CHESTER, M. S., (W. V. U., 1924); Assistant Professor of Horticulture; and Assistant Horticulturist, Agricultural Experiment Station; 1921; Riverview Drive, Evansdale Addition; 1858-J; 103 OH.

WHIPPLE, STEPHEN, C., B. S. C. E., (California, 1914); Captain, Corps of Engineers, D. O. L., United States Army; Assistant Professor of Military Science and Tactics; 1930; succeeds Captain McCutcheon July 1, 1930.

WHITE, BENNETT SEXTON, B. S. M. E., (W. V. U., 1897); Assistant Professor of Drawing and Machine Design; 1922; 1920; 115 Quay Street; 1634; 301 MH.

WHITE, MRS. MINNIE CARPER, Assistant Preceptress at the Boughner House; 1924; 504 North High Street; 295.

WHITESIDES, STERLING EUGENE, JR., (U. S. M. A., 1918); First Lieutenant, Infantry, D. O. L., United States Army; Assistant Professor of Military Science and Tactics; 1927; 686 Grand Street; 1734-J; A.

WIGHTMAN, ERNEST THOMAS, M. S. in AGR., (W. V. U., 1926); Instructor in Poultry Husbandry; and Poultry Specialist, Agricultural Extension Division; 1928; 1924; 141 Willey Street; 1067; Second Floor, E.

WILLIAMS, CARL QUENTIN, B. S. AGR., (Oklahoma A. and M., 1929); Graduate Assistant in Animal Husbandry, Agricultural Experiment Station; 1929; 213 McLane Avenue; 2456-R; 106 OH.

WILLIAMSON, SAMUEL GREENBERRY, A. M., (W. V. U., 1929); Instructor in Physics; 1929); 231 Grant Avenue; 542-J; 10 M.

WILLIS, DENNIS MARTIN, A. B., LL. M., (W. V. U., 1903, 1905); Financial Secretary; 1917; 1895; 244 Park Street; 1666; First Floor S.

WILSON, CHARLES VINYARD, M. S., (Iowa State, 1924); Assistant Professor of Animal Husbandry; and Assistant Animal Husbandman, Agricultural Experiment Station; 1924; 1919; 2201 University Avenue; 1530-J; 106 OH.

WILT, MAY LANDSTREET, M. A., (Columbia, 1929); Teacher of Mathematics in University High School; and Assistant in College of Education; 1925; Delmar Building, High Street; 1630-J; 7 HS.

WINTER, JOHN E., PH. D., (Michigan, 1917); Professor of Psychology; 1923; 1921; 324 Grandview Avenue; 1716-W; 33 L.

WINTERS, MARY BEULAH, A. B., (W. V. U., 1927); Graduate Assistant in Mathematics; 1929; 200 McLane Avenue; 2523-R; 210 C.

WOOD, KENNETH, (Syracuse, 1918); Instructor in Violin and Ensemble; 1928; 109 McLane Avenue; 495; SM.

YEATON, WALTER JAMES, M. S., (Chicago, 1922); Associate Professor of Geology; 1927; 1925; on leave of absence 1929-30.

YOKE, FRANK ROY, A. B., LL. B., (W. V. U., 1903, 1904); Alumni Secretary; 1922; 318 Wilson Avenue; 1446; Second Floor L.

List of Students

ENROLLED IN THE UNIVERSITY

Note: The following list includes the names of all students enrolled in the University, arranged in alphabetical order. Following each student's name and address are given his class, course of study which he is pursuing, or the degree for which he is a candidate. The word freshman, sophomore, etc., following the student's name, indicates rank on the first day of November, 1929. Regular students in the College of Law have the following standing in the University: first-year students, sophomore; second-year students, junior; third-year students, senior; except those holding a bachelor's degree. Students whose names are marked with an asterisk (*) are ranked as freshmen, but are conditioned in one or more preparatory subjects. Students marked as special students are classified in accordance with the regulations found on page 41 of this catalogue.

Absalom, Thelma Ruth	Morgantown	Jun., B. S. Ed.
Ackerman, Elreno E.	Munhall, Pa.	Summer School
Ackerman, Gerald Lyon	Wheeling	1st Yr. Med.
Ackerman, Richard Atkins	Middletown, Conn.	Grad., Agr.
Acquaviva, Amleto	New Castle, Pa.	2nd Yr. Med.
Adamo, Gaspar Mathew G.	Astoria, N. Y.	2nd Yr. Med.
Adams, Charles Robert	Inwood	Sen., A. B.
Adams, Mayme Alta	Junior	Summer School
Adams, Thomas Jacobs	New Martinsville	Soph., B. S. C. E.
Adcock, Sallie V.	Parkersburg	Summer School
Addison, Carrie Maye	Morgantown	Sen., B. S. Ed.
Adelson, Bernard Gerson	Kittanning, Pa.	Fr., A. B.
Adkins, Charles Minas	East Lynn	Fr., B. S. Agr.
Adkins, John McLean	Wheeling	Soph., B. S. C. E.
Agee, Arnold Blaine	Logan	Fr., B. S. E. E.
Agee, Elizabeth Lanelle	Morgantown	Fr., A. B.
Akins, Louise Carolyn	Morgantown	Soph., A. B.
Albert, Virginia Belle	Williamson	Fr., A. B.
Albright, Erbie Claire	Morgantown	Sen., B. S. H. E.
Alcott, Carolyn Nomen	Morgantown	Sen., A. B.
Alderson, John Duffy	Richwood	3rd Yr. Law
Alexander, William Arbuckle	Huntington	Summer School
Alleman, Hubert Charles	Morgantown	Summer School
Allen, Opie Revere	Forest Hill	Sen., B. S. E. E.
Allender, Ora Maude	Morgantown	Jun., A. B.
Alley, John Rupert	Chillicothe, Ohio	2nd Yr. Med.
Allman, Dorothea Virginia	Morgantown	Jun., A. B.
Allman, John Isaac	Jane Lew	Grad., Agr.
Allman, William Hall	Morgantown	2nd Yr. Med.
Altizer, John	Canebrake	Fr., B. S. E. E.
Ammar, Fayaz Kaliel	Williamson	Fr., A. B.
Ammons, Nellie Perrel	Morgantown	Grad., A. & S.
Amos, Henrietta	Morgantown	Soph., A. B.
Anderson, Alton Johnson	Webster Springs	Sen., B. S. Agr.
Anderson, Amos Wolfe	Webster Springs	Fr., A. B.
Anderson, Clair S.	Littleton	Fr., A. B.
Anderson, Leslie Gerald	North Fork	Jun., A. B.
Anderson, Luther Wilson	Welch	3rd Yr. Law
Andrews, Frances Spicer	Morgantown	Fr., A. B.
Angel, Harry Robert	Huntington	Fr., A. B.

Antram, Bertha Marie	Hibbs, Pa.	Soph., B. S. H. E.
Anwyll, Vincent Thomas	Fairmont	Jun., A. B.
Apple, Judas	Kittanning, Pa.	3rd. Yr. Law
Applegate, Walter MacDonald	Morgantown	3rd Yr. Law
Archer, Raymond Edgar	Parkersburg	Fr., A. B.
Archibald, Harold Freeman	Wolfville, Nova Scotia	Grad., A. & S.
Archart, Pauline	Frankford	Summer School
Arena, Jay Morris	Clarksburg	2nd Yr. Med.
Arena, Paschael Fabian	Clarksburg	Jun., B. S. C. E.
Armbrecht, Harold Paul	Wheeling	Sen., A. B.
Armbruster, S. Bentley	Wheeling	Fr., B. S. E. E.
Armentrout, Dorothy	Morgantown	Spec., A. & S.
Armentrout, Embree LaVerne Cox	Morgantown	Sen., A. B.
Armentrout, Lewis Hamelton	Morgantown	2nd Yr. Med.
Armour, Carl E.	Clarksburg	Jun., A. B.
Armstrong, Dorothy Vilette	Ripley	Soph., B. S. H. E.
Armstrong, Fannibelle	Wheeling	Summer School
Armstrong, Madaiene Ruth	Burnsville	Sen., B. S. H. E.
Armstrong, Stuart Polsley	Ripley	Grad., A. & S.
Arnett, Lucy Virginia	Clarksburg	Fr., A. B.
Arnett, Mildred Elma	Morgantown	Jun., A. B.
Arnold, Christine	Weston	Sen., A. B.
Arnold, Kilbourne Ceylon	Clarksburg	Soph., A. B.
Arnold, Malcolm Raymond	Blooming Rose	Soph., B. S. Phys. Ed.
Arthur, George Esley	Cowen	Grad., Ed.
Ashburn, Harry Virgi	Morgantown	Jun., A. B.
Ashburn, Howard Gilmer	Morgantown	Jun., A. B.
Ashburn, Mary Rogers	Morgantown	Grad., A. & S.
Ashburn, Mary Syrena	Reedsville	Soph., A. B.
Ashby, Carol Agnes	Elkins	Jun., B. S. H. E.
Ashcraft, Ward L.	Harrisville	Grad., Agr.
Ashcroft, Joseph Myers	Morgantown	Sen., B. S. Ed.
Ashworth, Adrian Lincoln	Morgantown	Soph., A. B.
Ashworth, Charles Vincent	Moundsville	Soph., A. B.
Ashworth, Glenn	Morgantown	Fr., A. B.
Ashworth, Robert Johnson	Moundsville	2nd Yr. Law
Ashworth, Virginia Hill	Morgantown	Spec., A. & S.
Atha, Charles Lester	Farmington	Grad., A. & S.
Atkinson, James William	Rome, N. Y.	Summer School
Atwood, Barbara Frances	Morgantown	Soph., B. S. H. E
Atwood, Hilda Ruth	Morgantown	Fr., A. B.
Auld, Edward Allan	Morgantown	Jun., B. S. Agr.
Auldridge, Gail Pennell	Hillsboro	Sen., B. S. Agr.
Auxier, Gwendolen Gertrude	Kenova	Sen., A. B.
Avington, Carl David	Ellamore	Fr., B. S. Phys. Ed.
Avner, Louis Lee	Morgantown	Fr., A. B.
Ayers, Alma	Grantsville	Jun., A. B.
Ayers, Irma Lucille	Grantsville	Jun., B. S. H. E.
Ayers, Michael Ashford	Smithville	Jun., A. B.
Ayers, Willard Carleton	Ridgley	1st Yr. Law
Azar, Louis Joseph	New Martinsville	Fr., A. B.
Badgett, Charles Shepard, Jr.	Richwood	Summer School
Baer, Herbert Kelsey	Morgantown	Grad., Ed.
Baer, Mergie Shriver	Morgantown	Summer School
Baer, Virginia Agnes	Morgantown	Sen., B. S. Ed.
Bailey, Delma	Milctus	Summer School
Bailey, Gerald Curtiss	Morgantown	Fr., A. B.
Bailey, Harvey Peery	Morgantown	Jun., B. S. Ind. Ed

Bailey, James Silas	Fairmont	Fr., B. S. Ch. E.
Bailey, Jessie Lee	Morgantown	Jun., B. S. Phys. Ed.
Bailey, Lloyd Webster	Morgantown	Jun., A. B.
Bailey, Magretta Violet	Morgantown	Sen., B. S. H. E.
Bailey, Minnie R.	Salem	Summer School
Bailey, Minter Alvin	Clarksburg	Fr., A. B.
Bailey, Pauline Julia	Mabscott	Summer School
Bailey, Ray Shaffer	Clarksburg	Summer School
Bailey, Ray Wilkinson	Charleston	2nd Yr. Med.
Bailey, Samuel Brown	Thurmont, Md.	Fr., B. S. Agr.
Baker, Charlotte Blair	Morgantown	Music
Baker, Dorothy Pauline	Grafton	Soph., A. B.
Baker, Eddie M.	Clarksburg	Fr., A. B.
Baker, Edwin Charlton	Charleston	Fr., B. S. Phys. Ed.
Baker, Ervin E.	Clarksburg	3rd. Yr. Law
Baker, Frank Bertram	Boston, Mass.	Jun., A. B.
Baker, Jay Burchinal	Morgantown	Soph., A. B.
Baker, Loisbelle	Morgantown	Music
Baker, Lucy Ellen	Morgantown	Spec., A. & S.
Baker, Mary Jane	Morgantown	Music
Baker, Nellie Myrle	Morgantown	Fr., A. B.
Baker, Pansy Belle	Morgantown	Night Class
Baker, Rodney	Piedmont	Jun., A. B.
Baker, Rosalie Randolph	Elkins	Sen., A. B.
Baker, Thomas Taylor	Huntington	Jun., A. B.
Baker, Tola Everett	Mannington	Soph., B. S. E. E.
Baker, Virginia Randolph	Beverly	Summer School
Baker, William	Morgantown	Music
Baldock, Harry Edgar	Charleston	2nd Yr. Med.
Ball, Frances LePera	Morgantown	Sen., A. B.
Ball, Marie Louise	Morgantown	Fr., A. B.
Ball, Wilda Eleanor	Triadelphia	Jun., A. B.
Ballantyne, Robert Brown	New Cumberland	Fr., A. B.
Ballard, Ber Neice	Princeton	Grad., A. & S.
Ballard, George Lawrence	Glen Jean	3rd Yr. Law
Ballard, Oscar David	Glen Jean	Fr., A. B.
Ballengee, Mary Elizabeth	Beckley	Fr., A. B.
Balthis, Joseph Hendrickson, Jr.	Washington, D. C.	Grad., A. & S.
Bancroft, George Herbert	Morgantown	Sen., A. B.
Bandi, Robert Thomas	Wheeling	Fr., A. B.
Bane, Ruth Naomi	Uniontown, Pa.	Sen., A. B.
Barbe, Charles Alexander	Mapletown, Pa.	Fr., B. S. Phys. Ed
Barbers, George Franklin	Fairmont	1st Yr. Law
Barker, Arnie Elma	Blair	Fr., A. B.
Barker, Thomas Andrew	St. Albans	Soph., A. B.
Barkwell, Virginia	St. Marys	Jun., A. B.
Barley, Albert Alfred	Welch	Soph., A. B.
Barnard, Mary Margaret	Morgantown	Music
Barnes, Beatrice Vivian	Morgantown	Soph., A. B.
Barnes, Burlin Bradford	Elkins	Summer School
Barnes, Faye	Wellsburg	Grad., A. & S.
Barnes, George Carroll	Mt. Hope	Sen., B. S. E. E.
Barnett, Mary Bernice	Clarksburg	Grad., A. &. S.
Barnett, Virginia	Follansbee	Sen., A. B.
Barnette, Robert Maxwell	Moundsville	Soph., A. B.
Barrett, Mary Jo	Cameron	Spec., Phys. Ed.
Barrett, Samuel Jaynes	Ireland	Soph., A. B.
Barrickman, Charles McClane	Morgantown	3rd Yr. Law

Barrickman, David Samuel	Morgantown	Soph., B. S. Agr.
Barrickman, Milton Robert	Morgantown	Soph., A. B.
Barron, Helen Jeanne	Greensburg, Pa.	Sen., A. B.
Bartholomew, Elizabeth Mary	Hillsboro	Fr., B. S. Phys. Ed.
Bartlett, Dana Pierre	Fairmont	1st Yr. Med.
Bartlett, Ima Rose	Perry Point, Md.	Grad., A. & S.
Barton, Charles Leslie	Sutton	Soph., B. S. E. E.
Bartrug, Edwin Marshall	New Martinsville	Soph., B. S. E. E.
Bary, Adolph	Welch	Fr., A. B.
Basman, Jack	Charleston	Jun., A. B.
Bassitt, James Solomon	St. Albans	Fr., A. B.
Bates, Richard Lee	Meadville, Pa.	1st Yr. Med.
Batson, Clarence H.	Salem	Summer School
Batson, Howard Marshall	Fairmont	Sen., A. B.
Batten, Ruth	Morgantown	Grad., Ed.
Bauerle, Anna Belle	Wheeling	Fr., A. B.
Baum, Henry Evans	Princeton	Soph., A. B.
Baumgarner, Robert Ernest	Huntington	Soph., B. S. E. E.
Bayes, Kathleen	Longacre	Summer School
Bayles, Elizabeth Thompson	Floreffe, Pa.	Soph., A. B.
Bayles, Martha Regina	Morgantown	Sen., B. S. Ed.
Bayles, Mildred Irene	Morgantown	Jun., B. S. H. E.
Bayles, William David	Morgantown	Grad., A. & S.
Beagle, Elizabeth Irene	Spencer	Jun. B. S. H. E.
Beall, James Lawrence	Mannington	Soph., A. B.
Beard, Orin Jennings	Bunker Hill	Grad., Agr.
Beardsley, Ernest Eugene	Point Marion, Pa.	Soph., A. B.
Beatty, James Frederick, Jr.	Mannington	Jun., B. S. M. E.
Beckett, Earnest Clyde	Clarksburg	Music
Behner, Mary Elizabeth	Clarksburg	Grad., A. & S.
Behnke, William Kenneth	Follansbee	Sen., A. B.
Bell, Claora Elizabeth	Morgantown	Summer School
Bell, William Edgar	Pt. Pleasant	Soph., B. S. Agr.
Belladonna, Edmond L.	Logan	Jun., B. S. C. E.
Beller, Harry Milton	New York City, N. Y.	Sen., A. B.
Bender, Mary Terry	Triadelphia	Jun., A. B.
Benedum, Stanley Wilbur	Parkersburg	Jun., A. B.
Benko, John	Butler, Pa.	Soph., A. B.
Bennett, Ethel Maude	Webster Springs	Soph., A. B.
Bennett, Gay	Morgantown	Grad., Ed.
Bennett, Helen Virginia	Morgantown	Soph., A. B.
Bennett, Louis Raymond	Morgantown	Fr., A. B.
Bent, Rose Varner	Clarksburg	Soph., A. B.
Bent, Rudyard Kipling	Clarksburg	Grad., Ed.
Berdine, Edna Tennant	Hundred	Spec., A. & S.
Berdine, Paul White	Burton	Sen., A. B.
Berg, Dortha Matilda	Pt. Marion, Pa.	Sen., A. B.
Berman, Marcus Marvin	Charleston	Fr., A. B.
Bernard, John Wesley	Morgantown	Soph., B. S. Agr.
Berry, Elizabeth Patterson	Morgantown	Soph., A. B.
Berry, Evelyn Virginia Lee	Morgantown	Spec., Phys. Ed.
Berry, Frances	Morgantown	Summer School
Berry, Kenton Clowser	Morgantown	Soph., A. B.
Bertie, Rayma Aletta	Morgantown	Fr., B. S. Phys. Ed.
Bess, Samuel Hume	Keyser	1st Yr. Med.
Betances, Manuel Eugenio	Orocovis, P. R.	Jun., A. B.
Bevington, Geraldine Margaret	Morgantown	Soph., A. B.
Bickel, Anna Lou	Parkersburg	Sen. A. B

Bickerton, Virginia Fern	Monongahela City, Pa.	Fr., A. B.
Bierer, Julia	Morgantown	Soph., A. B.
Bigley, Ernest Ewing	St. Albans	Fr., A. B.
Billups, Clyde	Charleston	2nd Yr. Law
Billups, Mabel Happel	Charleston	Music
Birch, Naomi Elizabeth	Glassport, Pa.	Summer School
Bird, Ben W., Jr.	Princeton	2nd Yr. Med.
Bird, Evelyn Ball	Princeton	Sen., A. B.
Bishop, Carter Richard	Morgantown	Grad., A. & S.
Bishop, Dorothy Louise	Morgantown	Soph., A. B.
Bishop, Mary Kathleen	Rowlesburg	Soph., B. S. H. E.
Bishop, Newton Claybourne	Greenville	Summer School
Bishop, Ronald Aaron	Morgantown	Fr., A. B.
Bishop, Ruby Dorothy	Summerlee	Fr., A. B.
Bitonti, Angelina Rita	Morgantown	Fr., B. S. Phys. Ed.
Bitonti, Joe Laverne	Morgantown	Fr., B. S. Phys. Ed.
Bitonty, Louis Fred	Morgantown	Grad., A. & S.
Bixler, Vinson Heber	Elm Grove	Grad., Ed.
Black, Agatha	Friendsville, Md.	Summer School
Black, Amos Hale	Morgantown	Grad., A. & S.
Black, Donald Fought	Parkersburg	Grad., Ed.
Black, James Alexander	Greensboro, Pa.	Spec., A. & S.
Black, James Rutherford	Parnassus, Pa.	Jun., A. B.
Black, William Harold	Elizabeth	1st Yr. Med.
Blackburn, Charles Wesley	Keyser	Grad., A. & S.
Blair, Albert John	Waynesburg, Pa.	Soph., A. B.
Blair, Bonita Baker	Morgantown	Jun., A. B.
Blair, Holmes	Sandyville	2nd Yr. Med.
Blair, Rolla Warren	Sandyville	Soph., B. S. E. E.
Bland, Charles Newton	Weston	2nd Yr. Law
Bland, Monna Susan	Morgantown	Music
Bland, Russell Charter	Clarksburg	Fr., A. B.
Blayney, Harold Kenneth	Elm Grove	Fr., A. B.
Bledsoe, Luther Edgar	Webster Springs	Sen., A. B.
Blickman, Bernard Maurice	Brooklyn, N. Y.	Jun., A. B.
Blinick, George	New York City, N. Y.	2nd Yr. Med.
Blodgett, Helen Murray	Morgantown	Music
Blodgett, Ruth Naomi	Morgantown	Sen., A. B.
Blonskey, Lula May	Cumberland, Md.	Jun., B. S. Ed.
Blosser, Helen Marguerite	Gans, Pa.	Sen., A. B.
Blum, Edgar Charles	Elm Grove	Soph., A. B.
Bly, Lillian Doris	Clarksburg	Soph., B. S. H. E.
Board, Albert French	Creston	Jun., B. S. C. E.
Board, Leonard Marvin	Clarksburg	Sen., B. S. C. E.
Board, Sallie Shrewsbury	Charleston	Grad., A. & S.
Bobbitt, Geneva Hoye	Pax	Grad., A. & S.
Bobbitt, Gilmer B.	Pax	Grad., A. & S.
Bobbitt, James Sterling	Hookersville	Grad., Ed.
Bock, Edward Sidney, Jr.	Charleston	Fr., A. B.
Bockar, Arnold	Monsey, N. Y.	1st Yr. Med.
Boffo, Joseph Vincent	Follansbee	Summer School
Boggess, Helen Louise	Morgantown	Sen., A. B.
Boggess, Howard Chester	Morgantown	2nd Yr. Law
Boggess, Thomas Earl	Morgantown	Fr., A. B.
Boggs, Brounley Price	Franklin	Jun., A. B.
Boggs, Ira Brooks	Morgantown	Soph., B. S. Agr.
Boggs, Mildred	Franklin	Soph., A. B.
Bogue, Merwyn Alton	Erie, Pa.	Soph., A. B

Boley, Noah W.	Morgantown	Fr., B. S. Agr.
Bolyard, Edna Beatrice	Independence	Fr., A. B.
Bolyard, Margaret Carter	Elm Grove	Grad., A. & S.
Bolyard, Thomas Arnold	Philippi	Summer School
Bonar, Allen Marcellus	Moundsville	Fr., A. B.
Bonar., Carl F.	Bethany	Grad., Ed.
Bonar., Dorothy Forster	West Liberty	Jun., B. S. Ed.
Bonar, Floyd	Moundsville	Grad., A. & S.
Bonar, Ross	Buckhannon	Grad., Ed.
Bond, Harley Donovan	Lost Creek	Grad., A. & S.
Bond, Mary Margaret	Clarksburg	Soph., A. B.
Bonnessen, Charles Jr.	Wheeling	3rd Yr. Law
Booher, William Thurlow, Jr.	Wellsburg	2nd Yr. Med.
Boomsliter, Paul Colgan	Morgantown	Music
Boone, Edith Arnetta	Morgantown	2nd Yr. Phar.
Boone, Gwendoline Goddin	Morgantown	Soph., A. B.
Boone, Ralston Irving	Bluefield	Sen., B. S. E. E.
Boone, Roy Elliott	Morgantown	Grad., Ed.
Boone, Samuel Whanger	Ronceverte	Jun., B. S. E. E.
Boone, Weldon Wesley	Morgantown	Grad., Ed.
Booth, Winnie Viquesney	Morgantown	Spec., H. E.
Booton, Orland Hawson	Williamson	Jun., A. B.
Borgman, Wilfred Edmund	Kingwood	*Fr., A. B.
Borinsky, Abe	Princeton	Fr., A. B.
Bosely, Sarah Elizabeth	Simpson	Grad., A. & S.
Boso, Constance Dortha	Parkersburg	Fr., A. B.
Bottome, Helen Margaret	Moundsville	Soph., A. B.
Bottome, Marguerite Dilworth	Flemington	Sen., A. B.
Bottome, Paul Edgar	Moundsville	3rd Yr. Law
Boughner, Daniel Cliness	Morgantown	Sen., A. B.
Boughner, Rosalie	Morgantown	Jun., A. B.
Boundy, Ruth Alyce	Cameron	Fr., B. S. H. E.
Bourn, Jennie Mae	Charleston	Fr., B. S. H. E.
Bourn, William Dewey	Morgantown	1st Yr. Med.
Bourne, Kenneth Ray	Charleston	Fr., B. S. C. E.
Boutwell, Delos Sisler	Scottsville, N. Y.	Sen., A. B.
Bowers, Charles Albert, Jr.	Wheeling	Sen., B. S. E. E.
Bowers, Frank Earl	Morgantown	Fr., A. B.
Bowlby, Edward Carhart	Morgantown	Fr., B. S. Ind. Ed.
Bowlen, James Herschel	Uniontown, Pa.	Jun., A. B.
Bowman, Blanche Harner	Morgantown	Sen., B. S. H. E.
Bowman, Harvey B.	Wheeling	Grad., Agr.
Bowmaster, Naomi Alta	Meyersdale, Pa.	Fr., A. B.
Bowser, Maryetta Virginia	Paden City	Sen., B. S. H. E.
Bowser, Ora Evelyn	Paden City	*Fr., A. B.
Boyd, George Washington	Wheeling	Soph., A. B.
Boyer, Alice Medora	Morgantown	Sen., A. B.
Boylen, Harold Carl	Jane Lew	Summer School
Boyles, Murl Lawrence	Philippi	Grad., Ed.
Boyles, Rogene Leslie	Sistersville	Music
Bradford, Bert W. Jr.	Pennsboro	Soph., A. B.
Bradford, Dorothy	Pennsboro	Summer School
Bradford, John Alexander	Huntington	Soph., A. B.
Bradford, Mary Virginia	Pennsboro	Music
Bradford, Madalyn McVey	Huntington	Summer School
Bradley, Ellis Alton	Charleston	Soph., A. B.
Bradley, Frances Louyse	Clarksburg	Sen., A. B.
Bradley, Garnet Beatrice	Hundred	Fr., A. B.

Bradley, Leslie Emil	Barrett	Jun., A. B.
Bradley, Opal Freda	Hundred	Fr., B. S. H. E.
Brady, Alfred Spates	Morgantown	Grad., A. & S.
Brafford, Thomas Brinton	Follansbee	Sen., A. B.
Bragg, Pauline Elizabeth	Hinton	Fr., A. B.
Brand, Benson Glenn	Morgantown	Jun., A. B.
Brand, Dorothy Virginia	Morgantown	Jun., A. B.
Brand, John Marcus	Morgantown	Jun., A. B.
Brand, Richard Clyde	Morgantown	Sen., A. B.
Brandon, Betty	New Cumberland	Jun., A. B.
Braun, Freda Margaret	Davis	Jun., A. B.
Brawley, Andrew VanBibber	Charleston	Fr., A. B.
Brawley, Harry Morgan	Charleston	Jun., A. B.
Breckenridge, Darlene Helen	Elm Grove	Sen., A. B.
Brennan, Bernice Russell	Wheeling	Grad., A. & S.
Brewer, Thomas Leland	Dilliner, Pa.	*Fr., B. S. Agr.
Brewster, James Henry, Jr.	Weston	2nd Yr. Law
Brewster, Sara Ann	Weston	Jun., A. B.
Brick, John Philip	Charleston	Fr., A. B.
Briggs, Della M.	Dellslow	Night Class
Brill, Floyd McCauley	Richwood	3rd Yr. Law
Brill, Gordon Alfred	Intermont	Sen., A. B.
Brochick, Anna	Morgantown	Grad,. A. & S.
Brock, Clarence Amos	Fairmont	Grad., Ed.
Broderick, Teresa Maria	Morgantown	Sen., A. B.
Broglio, John Andrew	Uniontown, Pa.	Jun., A. B.
Brohard, Encil Ray	Blacksville	Grad., Agr.
Bromberg, Martha Ward	Charleston	Sen., B. S. H. E.
Bronson, Wade, Jr.	Williamson	Fr., A. B.
Brookover, Harry	Morgantown	Fr., B. S. Ch. E.
Brookover, Virgil Glen	Jacksonburg	Sen., B. S. Agr.
Brooks, Jeannette Steele	Morgantown	Jun., A. B.
Brooks, Margaret Hamilton	Morgantown	Soph., A. B.
Brown, Alice Josephine	Morgantown	Jun., A. B.
Brown, Andrew Albert	London	Sen., B. S. C. E.
Brown, Carolyn E.	Grafton	Fr., A. B.
Brown, Carrie Alberta	Morgantown	Jun., A. B.
Brown, Carson	Morgantown	Soph., B. S. Agr.
Brown, Charles Fleming	Morgantown	Sen., A. B.
Brown, Clark Moore	Elkins	Summer School
Brown, Clifford Woodrow	Point Marion, Pa.	Fr., A. B.
Brown, David Laing, Jr.	Grant Town	Fr., B. S. E. E.
Brown, Ella Virginia	Morgantown	Sen., A. B.
Brown, Elton S.	Elkins	1st Yr. Med.
Brown, Eevelyn Charleen	Swandale	Music
Brown, Frank McDonald, Jr.	Fairmont	Jun., A. B.
Brown, Genevieve	Moundsville	Sen., A. B.
Brown, George Faris	Pineville	Grad., Agr.
Brown, Henry Allen	Charleston	Soph., A. B.
Brown, Herbert Edmont	Youngwood, Pa.	Sen., A. B.
Brown, James Dudley	Summersville	Soph., A. B.
Brown, John Mathew Gay, Jr.	Morgantown	2nd Yr. Law
Brown, John Morrison	Summersville	Soph., A. B.
Brown, Lauretta	Uniontown, Pa.	Summer School
Brown, Leland Dickson	Elkins	Jun., A. B.
Brown, Linden Bonn	Elkins	Soph., A. B.
Brown, Lloyd J.	Grant Town	Fr., B. S. M. E.
Brown, Madge Genevieve	Morgantown	Fr., A. B.

Brown, Margaret Fairfax	Newell	Sen., A. B.
Brown, Mary Virginia	Morgantown	Grad., A. & S.
Brown, Paul Norris	North Fork	Jun., B. S. Ch. E.
Brown, Richard Kennard	Clarksburg	Grad., A. & S.
Brown, Richard Lewis	Pittsburg, Pa.	Fr., A. B.
Brown, Ronald Paul	Morgantown	Grad., A. & S.
Brown, Russell Guy	Morgantown	Grad., A. & S.
Brown, Stewart Singleton	Wheeling	1st Yr. Law
Brown, Vara Margaret	Masontown	Fr., A. B.
Brown, Wayman R.	Lumberport	1st Yr. Law
Brownfield, Alicia Daryl	Uniontown, Pa.	Soph., A. B.
Browing, Ferd, Jr.	Morgantown	Jun., A. B.
Browning, William Lloyd, Jr.	Uniontown, Pa.	3rd Yr. Law
Brownlee, Sandford Hunt	Charleston	Fr., A. B.
Brownstein, Sam R.	Huntington	Jun., A. B.
Bruder, Wood Harlan	Morgantown	2nd Yr. Med.
Bruffey, James Barnard	Pullman	Grad., Ed.
Bruns, Charles Frederick	Brooklyn, N. Y.	Sen., A. B.
Bryan, Ruth Evelyn	New Cumberland	Jun., A. B.
Buchanan, Margaret Jepson	Wheeling	Grad., A. & S.
Buck, Phyllis Lucile	Sistersville	Soph., A. B.
Bucker, Hans Anthony	Morgantown	Soph., B. S. M. E.
Buckley, Ralph Barnette	Ronceverte	Grad., Agr.
Bullard, John Cox	Triadelphia	Sen., B. S. Ed.
Burchinal, Beryl Modest	Morgantown	Jun., A. B.
Burdett, Jack Conner	Point Pleasant	Sen., A. B.
Burdett, Joe Floyd	Point Pleasant	Fr., A. B.
Burdett, John Kunst	Grafton	3rd Yr. Law
Burdette, Virginia Elizabeth	St. Albans	*Fr., A. B.
Burdette, William Poindexter	St. Albans	Sen., A. B.
Burgess, Albert Newton	Old Fields	Sen., B. S. Ed.
Burgess, Leland Walter	Moundsville	Soph., A. B.
Burke, Clyde Lawrence	Hinton	*Fr., A. B.
Burke, Mary Ellen	Latrobe, Pa.	Music
Burns, Helen Elizabeth	Martinsburg	Fr., A. B.
Burt, Virginia Wilson	Mannington	Fr., A. B.
Burton, Glendon Paul	Elizabeth	Fr., A. B.
Burton, Harley Alvin	Elizabeth	Jun., B. S. Agr.
Burton, Mary Fawver	Weston	Sen., A. B.
Bush, Louis	New York City, N. Y.	Jun., A. B.
Bush, Ralph Thompson	Williamstown	Grad., Ed.
Bushong, Frank Lee, Jr.	Charles Town	1st Yr. Law
Butcher, Mattie Nell	Clay	Grad., A. & S.
Butler, Arthur Bates, Jr.	Elm Grove	1st Yr. Law
Butler, Lois Mildred	Hinton	Fr., A. B.
Butler, Russell Clarke	Inwood	Sen., B. S. Agr.
Butts, Virginia Frye	Harper's Ferry	Grad., A. & S.
Buzzard, Margaret	Clarksburg	Jun., A. B.
Byrer, Virginia	Martinsburg	Sen., A. B.
Byrnside, George	Madison	Fr., B. S. M. E.
Byrnside, John Hill	Madison	1st Yr. Law
Caddock, Robert	Newark, N. J.	Soph., B. S. E. E.
Cain, Harry E.	Fairmont	Grad., A. & S.
Cain, Zell	Glenville	Jun., B. S. Ed.
Cairns, Ann Marie	Glassport, Pa.	Summer School
Caldwell, Nellie Bruce	Athens	Grad., A. & S.
Callaghan, Brooks Bailey	Beaver	Jun., A. B.
Callahan, William Oscar	Wheeling	Jun., A. B

Callaway, Russell Dawson	Huntington	Soph., A. B.
Calvert, Everly G.	Morgantown	Soph., B. S. Ind. Ed.
Cambria, Anthony Joseph	Wheeling	Fr., A. B.
Cameron, Hazel Crabill	Morgantown	2nd Yr. Med.
Cameron, Kenneth Walter	Wheeling	Sen., A. B.
Cameron, Richard Ray	Wheeling	Soph., A. B.
Camilletti, Dominic Paul	Wellsburg	2nd Yr. Law
Cammer, Philip Alonzo	Fairmont	Soph., B. S. E. M.
Camp, Charles	Morgantown	Fr., A. B.
Campbell, James Harvey	Morgantown	Soph., A. B.
Campbell, Maurice Hanson	Morgantown	1st Yr. Phar.
Campbell, Ray Edward	Charleston	Jun., A. B.
Canich, Thomas William	Beaver Falls, Pa.	Fr., B. S. Phys. Ed.
Cannon, Mary Clytiee	Clarksburg	Sen., B. S. Ed.
Caplan, Irene Ruth	Clarksburg	Sen., A. B.
Cappellanti, Lawrence	Morgantown	Music
Carden, John Dana	Weston	Fr., B. S. Phys. Ed.
Carney, Irene Barnes	Wheeling	Sen., A. B.
Carney, Mary Louise	Wheeling	Fr., A. B.
Carpenter, Clarence Herbert	Salem	Grad., Agr.
Carpenter, Edwin Byrne	Triadelphia	Soph., B. S. M. E.
Carrico, Alma Geraldine	Rowlesburg	Jun., A. B.
Carrico, Dorothy Graham	Terra Alta	Fr., A. B.
Carrico, Thomas Clinton	Wheeling	Jun., A. B.
Carringer, Julius Milo	Wheeling	2nd Yr. Law
Carroll, Anna Barbara	Uniontown, Pa.	Summer School
Carroll, Betty	Morgantown	Music
Carroll, Elinor Watson	Fairmont	Grad., Ed.
Carroll, Fred Clark	Kingwood	Fr., A. B.
Carroll, George William	New Cumberland	Soph., A. B.
Carskadon, Evelyn	Charleston	Jun., A. B.
Carspeeken, Henry Louis, Jr.	Morgantown	Fr., B. S. M. E.
Carter, Howard Thomas	Elm Grove	Soph., A. B.
Carter, Marjorie	French Creek	Grad., Ed.
Caruso, Pietro	Clarksburg	1st Yr. Med.
Casebolt, Marion Ferguson	Williamson	Jun., B. S. Ed.
Casey, Addis Emmett	Frostburg, Md.	Fr., B. S. E. E.
Cash, John Wesley	Bluefield	Soph., A. B.
Casto, Cameron Bland	French Creek	Grad., Agr.
Casto, Charles Francis	Parkersburg	Soph., A. B.
Casto, Florence Elizabeth	Jackson Heights, N. Y.	Fr., A. B.
Casto, Willard Kessel Russel	Ripley	Sen., A. B.
Castrodale, Dante	Anawalt	Soph., A. B.
Catapano, Ignatius Joseph	Brooklyn, N. Y.	Jun., A. B.
Catapano, Peter Fred	Brooklyn, N. Y.	Jun., A. B.
Cather, Augustus Brobard	Grafton	Fr., B. S. M. E.
Cather, Barbara	Grafton	Jun., A. B.
Cather, Maude Minshall	Morgantown	Music
Catlette, Naomi	Richwood	Soph., A. B.
Caton, Pauline Elisabeth	Barboursville	Grad., Ed.
Cattrell, Helen Doris	Hollidays Cove	Soph., A. B.
Cavendish, Fred Clinton	Montgomery	Grad., Ed.
Ceeh, Arthur Wencil Walter	Wheeling	Sen., B. S. Ch. E.
Chafin, Rathburn	Logan	Fr., A. B.
Chafin, William Jennings	Matewan	Soph., A. B.
Chamberlain, Mario C.	San Jose, Costa Rica	Jun., B. S. C. E.
Chambers, Floyd Ellsworth	Bethany	Soph., A. B.
Chambers, Franklin Mart	Ravenswood	Sen., B. S. E. M

Chambers, James Roney	West Alexander, Pa.	Fr., B. S. C. E.
Chambers, Livingston Hunter	Madison	Grad., A. & S.
Chandler, Ruth Lou Cille	Morgantown	Soph., A. B.
Chaplin, Eugene Gillen	Morgantown	Fr., A. B.
Chapman, Charles Evans	Sutton	1st Yr. Med.
Chapman, Harold McClellan	Morgantown	Fr., A. B.
Chapman, Waneta Lenna	Lumberport	Fr., A. B.
Chase, John Kossuth	Moundsville	2nd Yr. Law
Chedister, Mary Ellen	Salem	Summer School
Chedister, Thelma	Salem	Summer School
Cheney, Winifred Royale	Morgantown	Spec., A. & S.
Chenoweth, Lucille	Morgantown	3rd Yr. Law
Chenoweth, Harry Marvin	Simpson	Jun., A. B.
Chenoweth, Merriam Frances	Philippi	Music
Cheshire Katherine Elizabeth	Westernport, Md.	Grad., A. & S.
Chiavetta, John	Pittsburgh, Pa.	Jun., A. B.
Childers, Alton James	West Union	Fr., A. B.
Chinn, Abraham Samuel	Connellsville, Pa.	2nd Yr. Phar.
Chipps, Delmas Delphen	Salem	4th Yr. Phar.
Chitwood, Henry Cady	Morgantown	Soph., A. B.
Christen, Thelma Mae	Morgantown	*Fr., A. B.
Christian, James Lee	Galt, Cal.	1st Yr. Med.
Chun-Ming, Archie	Honolulu, Hawaii	2nd Yr. Med.
Clark, Buell Howard	Hemlock	Fr., B. S. Agr.
Clark, Thomas Baird	Morgantown	Grad., Agr.
Clark, Forrest Gay	Hemlock	Sen., B. S. Ed.
Clark, Zelith Alfonzo	Newburg	Grad., Ed.
Clarke, Edward Furzer	Morgantown	2nd Yr. Phar.
Clarke, John B.	Wheeling	Fr., A. B.
Clarke, Presley Wilmott	Graham Station	Grad., A. & S.
Clarkson, Thurman L.	Jefferson, Pa.	Grad., Ed.
Clawson, Nevada Arietta	Parkersburg	Sen., B. S. Ed.
Cleavenger, Juanita	Salem	Sen., A. B.
Cleland, Donald Lynn	Portersville, Pa.	Soph., A. B.
Clifford, John Henry	Clarksburg	Soph., A. B.
Clifford, Mary Rose	Clarksburg	Fr., A. B.
Cline, William Frankline	Parkersburg	Summer School
Clutter, Eric Saxon	Hillsboro	Grad., Ed.
Clutter, Lany Marie	Sycamore, Pa.	Fr., A. B.
Cobun, Dennis Bert	Morgantown	Fr., A. B.
Cochran, Caroline Clarissa	Dawson, Pa.	Soph., A. B.
Cochran, Regina June	Morgantown	Fr., A. B.
Cochrane, William Holderness	Fairmont	Sen., A. B.
Coffindaffer, Beryl	Miletus	Grad., Ed.
Coffindaffer, Ernest Wayne	Wilsonburg	Grad., Ed.
Coffman, Earl	Fairplay, Md.	Sen., A. B.
Coffman, Raphael Thomas	Weaver	Fr., B. S. Ch. E.
Cohen, Julius	Morgantown	Jun., A. B.
Cohen, Leonard Maurice	Morgantown	Sen., A. B.
Cohen, Pauline Pearl	Morgantown	Fr., B. S. H. E.
Cohen, Sylvia	Morgantown	Soph., A. B.
Cokeley, Clara McMillen	Morgantown	Spec., A. & S.
Colabrese, Felix Anthony	Albert	Jun., A. B.
Colborn, Mary Katherine	Belle	Jun., A. B.
Colborn, Ralph Humphrey	Alma	Fr., B. S. E. E.
Cole, Elsie Belle	Morgantown	Soph., A. B.
Cole, Evelyn Frances	Bridgeport	Sen., B. S. H. E.
Cole, Floyd Ernest	Morgantown	Jun., B. S. Agr.

Cole, George Lough	Fairmont	2nd Yr. Law
Cole, Juanita Sue	Ravenswood	Sen., A. B.
Cole, Walter Wilson	Morgantown	Music
Colebank, Mary Louida	Morgantown	Soph., A. B.
Coleman, Elenore Louise	Charleston	Fr., A. B.
Coleman, Helen Agnes	Greenwood, Del.	Summer School
Coleman, James Howard, Jr.	Farmington	Sen., A. B.
Coley, Maurice Wright	Bowling Green, Ky.	Spec., A. & S.
Collett, Irene Marie	Morgantown	Sen., A. B.
Collins, Edmund Ellison	Mona	Soph., A. B.
Collins, John Maynard	Greenville	Grad., Agr.
Collins, Mary Elizabeth	Clarksburg	Fr., A. B.
Collins, Walter Joseph	Everson, Pa.	1st Yr. Phar.
Collison, Rodwell Turner	Martinsburg	Sen., A. B.
Comuntzis, Pete George	Morgantown	Fr., A. B.
Conant, Roger Bradbury	Morgantown	Fr., A. B.
Conaway, Charles Cameron	Morgantown	Soph., A. B.
Conaway, Leila Grace	Mannington	Grad., A. & S.
Condry, Thomas Connell	Clarksburg	Fr., A. B.
Conklyn, James Heflebauer	Hedgesville	Grad., Agr.
Conlon, Katherine C.	New Cumberland	Jun., A. B.
Conn, Anna Arn	Uniontown, Pa.	Summer School
Conn, Brenda Marcella	New Concord, Ohio	Summer School
Conn, John Byron	Point Marion, Pa.	Soph., A. B.
Conn, Mary Virginia	Morgantown	Soph., A. B.
Conn, Robert Carland	Morgantown	Grad., A. & S.
Connelly, Dorothy Elizabeth	Wheeling	Soph., A. B.
Connelly, Etta Mae	Mannington	Jun., A. B.
Conner, Bernard Granvel	Charleston	Fr., Eng'g.
Conniff, Nellie	Wheeling	Summer School
Connolly, Thomas H.	Pittsburgh, Pa.	1st Yr. Med.
Conti, Martin Edward	Fairmont	1st Yr. Med.
Conway, Delbert Henry	Morgantown	Jun., B. S. Ed.
Conway, Virginia Holland	Morgantown	Sen., B. S. Ed.
Conwell, Mary Wharton	Dover, Del.	Soph., A. B.
Coogle, Rachel Agnes	Morgantown	Grad., A. & S.
Cook, Clifford Norman	Ramage	Soph., A. B.
Cook, Kermit Alderson	Morgantown	Grad , Ed
Cook, Lena Roberta	Pursglove	Fr , A. B.
Cook, Ora Noel	Toneyfork	Fr., A. B.
Cook, Viola Gertrude	Morgantown	Jun., A. B.
Cooke, Johnsie Sue	Charleston	Jun., A. B.
Cookman, Lemuel Swisher	Buckhannon	Soph., A. B.
Cookman, Robert Post	Buckhannon	Fr., B. S. Agr.
Coombs, Fred Morton	Morgantown	Fr., B. S. Phys. Ed.
Cooper, Martin Luther	Davis	Fr., B. S. E. E.
Cooper, Robert McKinney	Frankford, Pa.	Sen., A. B.
Cope, David Franklin	Crumpler	Fr., A. B.
Copeman, James Lawrence	Kingwood	Fr., B. S. Agr.
Copenhaver, John William	Tazewell, Va.	Grad., A. & S.
Corbin, Blanche Darst	Morgantown	Music
Cordray, Edward Burdette	Morgantown	Soph., B. S. Phys. Ed.
Cordray, James Lewis	Cassville	Fr., B. S. Phys. Ed.
Core, Arthur Lynn	Core	Grad., Ed.
Core, Phyllis Blodwin	Core	Fr., A. B.
Cork, Robert Haynes	Clarksburg	Fr., A. B.
Cormany, Ingaba	Morgantown	Jun., B S Ed
Cormany, Marguerite Stroup	Stotesbury	Music

Cormany, William John Benjamin	Stotesbury	Summer School
Cornelius, Rebecca	Masontown	Fr., B. S. H. E.
Cornell, Edna Virginia	Grantsville	Soph., A. B.
Corwin, William Moore	Clarksburg	Soph., A. B.
Costanzo, Vincent Allessandro	Wheeling	Fr., A. B.
Costelow, Dora	Tunnelton	Grad., A. & S.
Costolo, Conn	Gans, Pa.	Grad., A. & S.
Cottle, William Lacey	Mount Hope	Soph., B. S. C. E.
Cottrill, Edith Reed	Pennsboro	Grad., Ed.
Coudoux, Oscar Jules	Point Marion, Pa.	Soph., A. B.
Coull, William Frederick	Parkersburg	Jun., B. S. Agr.
Coulter, Cecil Carlos	Peach Creek	Sen., B. S. E. E.
Coulter, Esther Marie	Morgantown	Music
Countiss, Mary Combs	Morgantown	Spec., A. & S.
Counts, William Harold	Chillicothe, Ohio	Soph., A. B.
Courtney, William Henry	Clarksburg	Fr., A. B.
Cowell, Cecyle M.	Wadestown	Summer School
Cowell, George Harry	Vivian	Jun., B. S. E. M.
Cowie, Edna Pauline	Morgantown	Fr., A. B.
Cowie, Margaret Rose	Morgantown	Fr., A. B.
Cox, James Carl	Sherrard	Grad., Agr.
Cox., Marie Frances	Morgantown	Fr., A. B.
Cox., Paul Kester	Pullman	Summer School
Coyer, Elsie Bowen	Morgantown	Fr., B. S. H. E.
Coyle, Mary	Wheeling	Jun., B. S. Ed.
Coyle, Wilmot Irwin	Swissvale, Pa.	Fr., A. B.
Cozad, Florence Elizabeth	Morgantown	Jun., A. B.
Cozart, Roland Lee	Tipple	Soph., B. S. Agr.
Craddock, Susan Pauline	Weston	Sen., A. B.
Crago, Birdie Lee	Wheeling	Fr., A. B.
Crago, Felix Hughes	Wheeling	Jun., A. B.
Craig, Louis Grant	Weston	1st Yr. Law
Craig, Nancy E.	Weston	Jun., A. B.
Cramer, Kathryn Virginia	Morgantown	Fr., A. B.
Cramer, Robb Hammond	New Cumberland	Fr., A. B.
Crane, Maxine Elliott	Terra Alta	Grad., A. & S.
Crawford, Robert Tillman	Walkersville	Grad., Ed.
Cree, Sara Helen	Carmichaels, Pa.	Sen., A. B.
Crile, Jean	Clarksburg	Jun., A. B.
Criner, Francis Edward	Morgantown	3rd Yr. Law
Crisler, Herbert Leroy	Normal, Ill.	Fr., A. B.
Crockett, Fern	Morgantown	Fr., A. B.
Croson, Evelyn Lavonne	Wheeling	Jun., B. S. H. E.
Cross, Charles Francis	Morgantown	Music
Cross, Margaret	Star City	Fr., B. S. H. E.
Cross, Mildred	Letart	Sen., A. B.
Crouch, Maud Williams	Elkins	Summer School
Croushore, David Earl	Morgantown	Jun., B. S. C. E.
Crow, Erma Lenora	Glen Easton	Jun., B. S. Ed.
Crow, Harold Burdette	Moundsville	Fr., B. S. Agr.
Crow, James Homer	Dallas	Jun., A. B.
Crow, John Randall	Glen Easton	Grad., Ed.
Crow, Margarette Frances	Point Marion, Pa.	Fr., A. B.
Crudden, Charles Henry	Lancaster, Pa.	Sen., A. B.
Crynock, Peter Darling	Pursglove	1st Yr. Med.
Cubbon, Edward Herman	Shinnston	Soph., B. S. Phys. Ed.
Culp, Earl J.	Cairo	Grad., Ed.
Cummings, Ruth Gertrude	St. Albans	Jun., B. S. Ed

Cummins, Edwin Reid	Clarksburg	Grad., Ed.
Cunningham, Callie	Morgantown	Night Class
Cunningham, Earl Cranston	Kingwood	Grad., A. & S.
Cunningham, George Raymond	Morgantown	Jun., A. B.
Cunningham, Hazel Vern	Wheeling	Jun., B. S. H. E.
Cunningham Lelia Morris	Morgantown	Spec., A. & S.
Cunningham, Marion Keith	Elkins	1st Yr. Law
Cunningham, Pauline	Ireland	Summer School
Cunningham, Ralph	Cowen	Grad., A. & S.
Cunningham, R. Stanley	Wheeling	Jun., A. B.
Cuppett, Reardon Stewart Cotton	Thomas	Grad., A. & S.
Cuppett, Wilma Ellen	Morgantown	Fr., A. B.
Currence, Mary Alice	Clarksburg	Sen., A. B.
Currence, Richard Forrest	Clarksburg	Soph., A. B.
Curry, Berval Jane	St. Albans	Jun., A. B.
Curtis, Russell Floyd	Montrose	Sen., B. S. Ed.
Cusning, Harry Fry	Sistersville	Fr., A. B.
Custer, Ruhl Lee	Ripley	Grad., Ed.
Cutright, Gladys Pennington	Beaver Falls, Pa.	Grad., A. & S.
Cutright, Theodore	Lyndon, Ohio	2nd Yr. Med.
Czerwinski, Walter Clarence	Morgantown	Sen., B. S. M. E.
D'Agostino, George Lawrence	Morgantown	Soph., A. B.
Dacano, Gerardo Marino	Labrador, P. I.	*Fr., A. B.
Daly, Dorothy Jo	Hinton	Sen., B. S. Ed.
Daniels, Marvin Roy	Fairmont	Jun., B. S. Agr.
Dannels, Hugh Laughlin	Grindstone, Pa.	Sen., P. S. Ed.
Darnall, Herbert Llewellyn	Mount Hope	Fr., A. B.
Darnall, William Henry	Mount Hope	Soph., B. S. C. E.
Davidse, Gerard John	Wheeling	Jun., A. B.
Davidson, Alfred Harry	Del Rio, Texas	Grad., Eng'g.
Davidson, Mary Frances	Flemington	Sen., B. S. Ed.
Davies, Helen Roselyn	Morgantown	Music
Davies, Virginia Belle	Morgantown	Music
Davis, Carl Frederick	Morgantown	Fr., A. B.
Davis, Clifford McKinley	Clarksburg	Grad., A. & S.
Davis, Fannie Marriett	Clendenin	Summer School
Davis, Helen Virginia	Parkersburg	Soph., B. S. H. E.
Davis, James Fredrick	Rowlesburg	Sen., A. B.
Davis, Jennie Cairns	Charleston	Summer School
Davis, John Boatman	Clarksburg	Fr., A. B.
Davis, John Morrow	New Cumberland	Fr., A. B.
Davis, Mabel Irene	Core	Soph., A. B.
Davis, Margaret Louise	Huntington	Sen., A. B.
Davis, Mary Alice	Morgantown	Soph., A. B.
Davis, Oliver Bruce	Weston	Sen., B. S. M. E.
Davis, Paul F.	Clarksburg	Grad., Ed.
Davis, Paul Ledworth	Springton	Grad., Ed.
Davis, Tyreeca Stemple	Morgantown	Grad., A. & S.
Davis, Wilton Howell	Morgantown	2nd Yr. Law
Davisson, Claude Richmond	Mt. Clare	Fr., A. B.
Dawson, Archie Anthony	Morgantown	Fr., B. S. E. E.
Dawson, Paul B.	Fairmont	Summer School
Day, Franklin Kaercher, Jr.	Coalwood	Soph., A. B.
Dayton, Ervin Leslie	Morgantown	Grad., A. & S.
Deahl, Henry George	Morgantown	Summer School
Deahl, Martha Kline	Morgantown	Grad., Ed.
Deakins, Guy Alexander	Rowlesburg	Soph., A. B.
Deal, Nancy Virginia	Elkins	1st Yr. Law

DeAmato, Hugh	Jeannette, Pa.	Jun., A. B.
Dean, Alice Ellsworth	Elk Garden	Sen., A. B.
Dean, Henry Lee	Elk Garden	Grad., A. & S.
Dean, Mary Virginia	Martinsburg	Jun., A. B.
DeAngelis, Anthony Marion	Morgantown	Soph., A. B.
DeAngelis, Carmelo Eugene	Morgantown	Soph., A. B.
Dearien, Katherine Elizabeth	St. Albans	Fr., A. B.
Dearien, Mary Garnette	St. Albans	Soph., B. S. H. E.
Deems, George Clair	Newell	Fr., B. S. Agr.
Deffenbaugh, Chauncey Lloyd	Masontown, Pa.	Jun., B. S. Ed.
De Haven, Sula May	Martinsburg	Jun., A. B.
De Journett, Homer Vivian	Stollings	Sen., B. S. E. E.
De Lancy, Charles John	Jefferson, Pa.	Jun., B. S. E. E.
Delli-Gatti, Nancy Davison	Morgantown	Music
De Marco, Rosario Frank	Fairmont	Fr., A. B.
Dennison, Icy Katherine	Walkersville	Grad., Ed.
Dennison, La Vaughn	Wellsburg	Summer School
Dennison, Raymond Lewis	Wallace	Grad., Agr.
Denniston, Dorothy Reppert	Uniontown, Pa.	Sen., B. S. Phys. Ed.
Dent, Charles F.	Kingwood	1st Yr. Phar.
Dering, Dorothy	Morgantown	Grad., A. & S.
Derr, Charles Melvin	Harpers Ferry	Jun., A. B.
DeTurk, Harry Martin	Fairmont	Jun., B. S. M. E.
DeVaughn, Catherine Virginia	Morgantown	Soph., A. B.
De Vault, Brice Lyall	Morgantown	Fr., A. B.
Dever, Bartlett Ford	Victor	Grad., Agr.
Dever, George Bayley, Jr.	Victor	Fr., B. S. Agr.
De Vol, Herman	Parkersburg	Jun., A. B.
De Vol, Morris	Parkersburg	Fr., A. B.
Dexter, Cordelia Jannette	Fairmont	Jun., B. S. Ed.
Di Bacco, Sabie	Elkins	Soph., A. B.
Dickerson, Albert Sterling	Fairmont	Spec., A. & S.
Dickerson, Marvin Elmer	Fayetteville	3rd Yr. Phar.
Dickinson, Mary Costolo	Lake Lynn, Pa.	Summer School
Dickinson, Mary Woofter	Clarksburg	Summer School
Dickinson, Stanley Key	Clarksburg	Grad., Ed.
Dickinson, Virginia Ellen	Lake Lynn, Pa.	Jun., A. B.
Dickson, Melissa La Verne	McKeesport, Pa.	Jun., B. S. Ed.
Dienna, Daniel Francis	Clarksburg	Soph., A. B.
Diksa, Alexander	Morgantown	Jun., B. S. E. E.
Dille, Lucie Beltzhoover	Morgantown	Music
Dillon, David Reynolds	Martinsburg	*Fr., A. B.
Dillon, Kensly Charles	Mt. Pleasant, Pa.	Fr., A. B.
Dinardi, Anna	Morgantown	2nd Yr. Phar.
Dittmer, Lloyd Louis	Newell	Soph., B. S. E. E.
Ditto, Oburn Milton	Falling Water	Fr., B. S. Agr.
Divvens, Herbert Nathan	Masontown	3rd Yr. Phar.
Doak, Rebecca Frances	Morgantown	Sen., B. S. Ed.
Doak, Virginia Katherine	Morgantown	Jun., B. S. Phys. Ed.
Dobbins, Mary	Morgantown	Summer School
Dobbs, Frederick Henry	Wheeling	1st Yr. Med.
Dobbs, Lee Fillmore	Wheeling	Fr., A. B.
Dodd, Harold Jacques	Moorefield	Fr., B. S. Agr.
Dodge, Dwight Alton	Terra Alta	Soph., B. S. Ch. E.
Dodrill, Maurice Hale	Pickens	Summer School
Dole, William Edward	Kalamazoo, Mich.	Soph., B. S. Phys. Ed.
Doll, William Edgar	Grafton	Fr., A. B.
Dolly, Virgil O.	Romney	Grad., Agr.

Donahie, Nellie	Wheeling	Soph., A. B.
Donlan, James Michael	Parkersburg	Soph , A B
Donley, Beatrice Eleanor	Morgantown	Music
Donley, Robert Glenn	Van Voorhis	Soph , B. S. Agr.
Dorr, John Theodore	Morgantown	Jun., A. B.
Dorr, Mozelle Irene	Morgantown	Fr., A. B.
Dorsey, James Russeli	Wheeling	Soph., A. B.
Dorsey, Mary Merle	Thomas	Summer School
Dotson, Boyd	Richwood	Soph., A. B.
Dotson, Leo	Richwood	Soph., A. B.
Dotson, Vivian Anne	Clarksburg	Fr., A. B.
Dougan, Lucy Donley	Morgantown	Music
Dougherty, Marie Frances	Smithfield, Pa.	Jun., A. B.
Douglass, Camille	Salem	Summer School
Douglass, John Bruce	Hinton	Soph., B. S. C. E.
Douglass, Ruth	St. Marys	Soph., A. B.
Dove, Walter Marshall	Morgantown	Grad., A. & S.
Dowd, Barbara Patricia	Weston	Sen., A. B.
Downey, Frederick	Point Marion, Pa.	Music
Downing, William Rodes	Lexington, Ky.	Fr., A. B.
Downs, Roxy	Farmington	Soph., B. S. H. E.
Doyle, John Edward	Clarksburg	Soph., A. B.
Dransfield, Arbie Glenn	Gap Mills	Grad., Agr.
Dransfield, John Tullins	Gap Mills	Sen., B. S. Agr.
Dransfield, Lydia Marie	Gap Mills	Sen., A. B.
Dreppard, Clarence Hartzel	Clarksburg	Soph., A. B.
Dreyer, Carl Albert	Toledo, Ohio	2nd Yr. Med.
Drinkard, Elizabeth Jean	Wheeling	Fr., A. B.
Drinkard, Robert Uriel	Wheeling	Soph., A. B.
Drobek, Morris James	Wheeling	Fr., B. S. Phys. Ed.
Drummond, Estelle Mildred	Lumberport	Fr., B. S. H. E.
Du Bois, Martha Violet	Morgantown	Fr., A. B.
Dudas, Steven Paul	Gary	Soph., B. S. E. E.
Duffield, Allen Charles	Sutton	1st Yr. Law
Duffield, Vaughn Hoyt	Burnsville	Sen., B. S. Ed.
Duffy, Paul Tracy	Fairmont	Fr., A. B.
Duffy, Raymond John	Wheeling	1st Yr. Med.
Duke, Evelyn	Hedgesville	Spec., Phys. Ed.
Dulaney, Nellie Elizabeth	Uniontown, Pa.	Fr., B. S. H. E.
Dumlao, Ramon Corpus	Camiling, P. I.	Soph., A. B.
Dunbar, David Myron	Norwalk, Conn.	Jun., A. B.
Dunbar, Theodore Bowers	Aspinwall, Pa.	Summer School
Duncan, John Mathew	Morgantown	Sen., B. S. Agr.
Dunkley, Everett Wade	Beckley	Grad., Ed.
Dunlap, Lucile	Cairo, Ill.	Grad., A. & S.
Dunlap, Mary Catherine	West Alexander, Pa.	Sen., A. B.
Dunlop, Walter Scott	Alderson	Soph., A. B.
Dunn, Leora Margaret	Reedsville	Sen., A. B.
Dunn, William Nelson, Jr.	Martinsburg	Grad., A. & S.
Du Puy, Elbert Newton	Beckley	2nd Yr. Med.
Du Puy, Evelyn Minter	Beckley	Soph., A. B.
Du Puy, Ruth Dixon	Beckley	Soph., A. B.
Durkin, Walter Anthony	Fairmont	Jun., A. B.
Durst, Margaret Rebecca	Keyser	Jun., A. B.
Duthie, Grace Irene	Clarksburg	Sen., A. B.
Dutton, Harold Hilbert	Morgantown	Jun., A. B.
Duty, Della Vieva	Wheeling	Jun., A. B.
Duty, Hazel Elise	Wheeling	Sen., A. B.

Duty, Mina Woodbury	Lumberport	Soph., A. B.
Dworkin, Martin	Cleveland, Ohio	2nd Yr. Med.
Dye, Arthur Pingree	Morgantown	Spec., A. & S.
Eakle, John Camden	Sutton	Jun., A. B.
Earl, Mary Jane	Huntington	Summer School
Eaton, Alonzo Guy	Morgantown	Grad., A. & S.
Eaton, Alma Grace	Morgantown	Grad., A. & S.
Ebeling, Frances Anne	Wheeling	Soph., A. B.
Ebeling, John Harvey	Wheeling	Sen., A. B.
Echols, Emma Hamilton	Alderson	Jun., B. S. H. E.
Echols, John Edward	Richwood	Soph., A. B.
Eddy, Donald Jerome	Morgantown	Soph., A. B.
Edmondson, Richard Edward	Morgantown	Soph., B. S. C. E.
Edmundson, James Kilgore	Beckley	2nd Yr. Law
Edwards, Donald Graham	Morgantown	Soph., B. S. Agr.
Edwards, Dorothy Pearl	Grantsville	Fr., A. B.
Edwards, Elizabeth Ellen	Welch	*Fr., A. B.
Edwards, Fred Oliver	Wheeling	Summer School
Edwards, Herbert Frederick	Brownsville, Pa.	Fr. A. B.
Eichhorn, Eleanor Sloan	Lonaconing, Md.	Music
Eisen, Erwin Fairstone	Brooklyn, N. Y.	Soph., A. B.
Elliott, Hazel King	Bruceton Mills	Soph., B. S. H. E.
Elliott, Marguerite	Wilsonburg	Fr., B. S. H. E.
Elliott, Raymond	Pullman	Fr., B. S. Agr.
Ellis, Helen Meade	Hedgesville	Summer School
Ellyson, Hayden	Morgantown	Fr. B. S. Agr.
Ellyson, Mary Holbert	Morgantown	Sen., A. B.
Ellyson, Russell	Morgantown	Sen., B. S. Agr.
Elmore, Earle Looney	Tariff	Soph., A. B.
Emblen, William Thomas	Wheeling	Jun., A. B.
Emerson, Dorothy Esther	Morgantown	Summer School
Emerson, Lucia Jean	Morgantown	Soph., B. S. H. E.
Emerson, Roy Wade	Morgantown	Fr., A. B.
Eminger, Helen Mae	Morgantown	Fr. A. B.
Emler, Charles Lewis	Donora, Pa.	Soph., B. S. C. E.
Emrick, George Waldon	Morgantown	Jun., B. S. Agr.
Emsley, Helen Margaret	Wheeling	Soph., A. B.
Engel, Eulan Maude	Chapel	Soph., B. S. H. E.
England, Francis Max	Charleston	Fr., A. B.
Engle, Earl Laneing	Clendenin	Soph., B. S. E. E.
Engle, James Preston	Charles Town	Jun., A. B.
Englehart, Pauline Genevieve	Morgantown	Jun., A. B.
Epling, Harold White	Welch	Sen., A. B.
Epstein, Helen Lois	Newark, N. J.	Fr., A. B.
Epstein, Martin	Brooklyn, N. Y.	Sen., A. B.
Erb, Paul Edward	Wheeling	Soph., A. B.
Erlewine, Jesse Francis	Grantsville	Grad., Ed.
Erskine, Mary Agnes	West Alexander, Pa.	Grad., A. & S.
Ervin, Prentice Glen	Kingwood	Grad., Ed.
Eschwege, Emanuel	Little Neck, N. Y.	Jun., A. B.
Essner, Adele	Brooklyn, N. Y.	Soph., A. B.
Evans, Barrett Blackburn	Parkersburg	Fr., B. S. Agr.
Evans, Eugene Reese	Dundalk, Md.	Fr., A. B.
Evans, Hugh A.	Newburg	*Fr., A. B.
Evans, Lawrence Myers	Moundsville	3rd Yr. Law
Evans, Thomas Jackson	Bloomsburg, Pa.	Fr., A. B.
Evans, Winnifred Fletcher	Triadelphia	Jun., A. B
Everhart, Herbert William	Morgantown	Sen., B. S. Agr

Everly, Helen Core	Morgantown	Night Class
Everly, John Donald	Kingwood	Fr., A. B.
Everly, Madalene Braham	Morgantown	Night Class
Evick, Louise Elizabeth	Morgantown	Music
Ewing, Marguerite	Smithfield, Pa.	Sen., Ed.
Ewing, Ora Virginia	Weston	Soph., A. B.
Ewing, Wanda Marie	Morgantown	Jun., A. B.
Ewing, Wilma Jane	Morgantown	Fr., A. B.
Exley, Ben	Wheeling	Fr., A. B.
Fahey, James Herman	Moundsville	Soph., A. B.
Fahey, William Thomas	Wheeling	2nd Yr. Law
Falkinburg, Harry James	Atlantic City, N. J.	Fr., A. B.
Fallon, Angela Marie	Clarksburg	Sen., B. S. H. E.
Fannin, Chester Newton	Barboursville	Grad., Ed.
Farinetti, Martin	Morgantown	Soph., A. B.
Faris, Emilie Dorothea	Elm Grove	Sen., A. B.
Farmer, Madgelene	Beckley	Fr., A. B.
Farnsworth, Dana Lyda	Troy	1st Yr. Med.
Farris, Lincoln	Charleston	1st Yr. Law
Farris, Mary Susan	Ridgeley	Jun., A. B.
Faulkner, Lynn Tecumseh	Huntington	Grad., Ed.
Fauss, Leroy Carl	Elkview	Grad., Ed.
Faust, John Donovan	Hepzibah	Sen., A. B.
Federer George Andrew, Jr.	Morgantown	Grad., Ed.
Federer, Loretta Blake	Morgantown	Grad., Ed.
Feingold, Myer M.	Wheeling	Fr., A. B.
Ferderber, Maurice Bernard	Duquesne, Pa.	2nd Yr. Med.
Ferguson, Florna Camco	Montrose	Jun., B. S. Ed.
Ferrara, Louis	Morgantown	Soph., A. B.
Ferry, James F.	Weston	Grad., A. & S.
Fervier, Adjenor Florent	Clarksburg	Jun., B. S. E. E.
Fesenmeier, George Alfred	Huntington	Fr., A. B.
Fette, Bertha May	Wheeling	Sen., B. S. Ed.
Fetty, Doris Esta	Mount Morris, Pa.	Jun., A. B.
Field, Dorotha Lea	Kingwood	Jun., B. S. H. E.
Field, George Franklin	Kingwood	Soph., A. B.
Field, Lucy Frances	Charleston	Sen., A. B.
Fife, John Thomas	Barboursville	Grad., Ed.
Fike, C. Ruth	Eglon	Summer School
Fike, Mildred	Nutter Fort	Summer School
Findley, Avice Bernita	Clarksburg	Fr., A. B.
Finkbeiner, Charles Frederick	Arnettsville	Fr., A. B.
Finley, Mildred Marie	Chester	Fr., A. B.
Finn, Sylvia	Morgantown	Music
Finnegan, Pauline Celia	Wheeling	Soph., B. S. Phys. Ed.
Finnell, John Hare	Keyser	Sen., A. B.
Fischbach, Howard Karl	Huntington	Sen., B. S. E. E.
Fiscus, Lurene Clara	Youngwood, Pa.	Soph., A. B.
Fiscus, Martha Louise	Youngwood, Pa.	Soph., A. B.
Fishbach, Irma	Fairmont	Jun., A. B.
Fisher, Alex S.	East Liverpool, Ohio	1st Yr. Med.
Fisher, Earl Lloyd	Gassaway	Soph., A. B.
Fisher, Frances Gertrude	Sutton	Soph., A. B.
Fisher, Paul Frederick	Charleston	Fr., B. S. M. E.
Fisher, Ralph Matthew	Weston	2nd Yr. Med.
Fisher, Ruth	Little Falls	Sen., B. S. Ed.
Fisher, Stanley Robert	Morgantown	Jun., A. B.
Fittro. Allison Edmond	Clarksburg	Jun., B. S C E.

Fitzpatrick, Honor Marie	Bayside, N. Y.	Soph., A. B.
Fitzpatrick, Madeline Roxane	Clarksburg	Music
Fitzsimmons, Wellesley Day	Wheeling	2nd Yr. Law
Fizer, Homer Milton	Morgantown	Fr., B. S. Phys. Ed.
Flanigan, Charles William	Morgantown	Soph., B. S. E. E.
Fleming, Harry Carrington	Grafton	Soph., A. B.
Fleming, Ruth Sprague	Morgantown	Grad., Ed.
Flesher, Everett Cecil	Morgantown	Sen., B. S. Ed.
Flesher, Grace Darling	Reedy	Music
Flesher, Martha Glenn	Grafton	Fr., B. S. H. E.
Fleshman, Clarence Lee	Orchard	Sen., B. S. Agr.
Fletcher, Forrest Hatfield	Charleston	Grad., A. & S.
Fletcher, James Jackson	Alderson	Jun., A. B.
Fletcher, Joseph Haymond	Fairmont	Soph., B. S. E. E.
Fletcher, Joseph Francis	Fairmont	Sen., A. B.
Fletcher, Louise Elizabeth	Charleston	Soph., A. B.
Flowers, Charles Duane	Clarksburg	Soph., A. B.
Flumm, Mildred Mae	Morgantown	Music
Foran, Joseph Aloysius	Morgantown	Soph., A. B.
Foard, Oretha Morgan	Huntington	Grad., A. & S.
Fogel, Ethel Virginia	Rochester, Pa.	Jun., A. B.
Fogel, Ruth Mildred	Rochester, Pa.	Grad., A. & S.
Foley, James Franklin	West Union	Sen., A. B.
Fontaine, Henri Theophile	Wheeling	Summer School
Foote, Charles Irving	Norwalk, Conn.	Soph., A. B.
Forbes, Bertha Barbara	Oak Hill	Music
Forbes, Margaret Louise	Morgantown	Jun., B. S. Ed.
Ford, Frederick Wayne	Dunbar	Jun., A. B.
Ford, Linn	Dunbar	Grad., A. & S.
Ford, Susan Elizabeth	Morgantown	Soph., B. S. Phys. Ed.
Ford, V. Howard, Jr.	Charleston	*Fr., A. B.
Fordyce, Harry James	West Milford	Fr., B. S. Ch. E.
Forman, Irene Pippin	Morgantown	Grad., Ed.
Forman, Louis Marvin	Kimball	Jun., A. B.
Forse, Idabel	Beech Bottom	Jun., B. S. Phys. Ed.
Forsythe, Forrest Allen, Jr.	Swiss	Fr., B. S. Ch. E.
Fortney, Ann	Charleston	Fr., A. B.
Fortney, Jerold B.	Reedsville	Fr., A. B.
Fortney, Marion Francis	Tunnelton	Grad., Ed.
Foster, William Henry Alexander	St. Albans	Fr., A. B.
Fox, Edward Jordan	Wheeling	Sen., B. S. Ch. E.
Fox, George McMorrow	Sutton	Jun., A. B.
Fox, Irvin Franklin	Wheeling	Fr., B. S. Agr.
Fox, Lucile	Sutton	Jun., B. S. Ed.
Fox, Martha Pearle	Mt. Morris, Pa.	Music
Fox, Nelson Henry	Wheeling	Fr., B. S. Agr.
Fox, Wretha B.	Carmichaels, Pa.	Music
Frame, Robert Nat	Morgantown	Fr., A. B.
Franks, Andrew George	Masontown, Pa.	2nd Yr. Med.
Frazier, Gordon	Charleston	Fr., A. B.
Frazier, Hartsel Floyd	Layland	Grad., Ed.
Frazier, Louise Belle	Clarksburg	Jun., A. B.
Fredlock, Sue Wells	Piedmont	Sen., A. B.
Freehling, Edgar Charles August	Pittsburgh, Pa.	Jun., A. B.
Freeman, Maurice Monroe	Parsons	Grad., A. & S.
French, Harriet Louise	Bluefield	3rd Yr. Law
French, Margaret Matilda	Morgantown	Soph., A. B.
Frew, David Thompson	Follansbee	Soph., B. S. Phys. Ed.

Friedrichs, Howard Wharton	Wheeling	3rd Yr. Law
Friend, Albert Wiley	Morgantown	Soph., B. S. E. E.
Fromer, David Irvin	Norwalk, Conn.	Fr., A. B.
Fromme, Bess Fridley	Morgantown	Spec., Phys. Ed.
Fromme, Jean Louise	Morgantown	Spec., Phys. Ed.
Frum, Mary Alice	Morgantown	Grad., A. & S.
Frum, Thelma Jo	Salem	Grad., A. & S.
Frye, Maxie	Landville	Fr., A. B.
Frymier, Anna Margaret	Harrisville	Soph., A. B.
Fulton, Martha Theoda	Morgantown	Grad., A. & S.
Fultz, Kathryn	Weston	Music
Funk, Helen Lucille	Morgantown	*Fr., A. B.
Funt, Morris Sidney	Fairmont	Jun., A. B.
Furbee, Charles Wesley, Jr.	Clarksburg	Soph., A. B.
Furbee, Howard Raymond	Mannington	Jun., A. B.
Furbee, Kenneth Dameron	McMechen	Sen., A. B.
Furbee, Lloyd C.	Mason	Grad., Agr.
Furman, Lena Neonetta	Morgantown	Spec., A. & S.
Fuss, Neva	Hedgesville	Summer School
Fuster, Manuel Fernandez	Guayama, P. R.	Soph., A. B.
Gaal, James Charles	Chattaroy	Soph., B. S. Ch. E.
Gaal, William Joseph	Chattaroy	1st Yr. Law
Gage, Chase Gray	Cambridge Springs, Pa.	2nd Yr. Med.
Gainer, James Vincent	Morgantown	Grad., Ed.
Gallagher, John Francis	Parkersburg	1st Yr. Med.
Gallagher, Samuel Ellis	Apollo, Pa.	Fr., B. S. Ch. E.
Gallaspie, James Owen	Fairmont	Soph., A. B.
Galperin, Samuel E.	Charleston	Fr., A. B.
Gandee, Roy Edison	Clendenin	Fr., A. B.
Gans, George	Morgantown	3rd Yr. Law
Gans, Hortense Louise	Poland Mines, Pa.	Music
Gans, Leona Marie	Point Marion, Pa.	Soph., B. S. Phys. Ed.
Gardiner, Mabel Henshaw	Martinsburg	Grad., A. & S.
Gardner, Eva Gladys	Blacksville	Fr., A. B.
Gardner, Willis C.	Blacksville	Fr., B. S. C. E.
Garfield, Blanche Allendena	Morgantown	Grad., A. & S.
Garlet, Hazele Vivienne	Kingwood	Summer School
Garner, George William	Kingwood	1st Yr. Phar.
Garrett, Ella Late	Bridgeport	Summer School
Garrett, George Scott	Scarbro	Sen., B. S. E. E.
Garritt, J. William	Summersville	Summer School
Garrison, Faye	Auburn	Spec., Phys. Ed.
Garrison, Paul Johnston	Morgantown	1st Yr. Law
Garrison, William McKinley	Wayne	Grad., Agr.
Garvin, Thomas Reed	Moundsville	Sen., A. B.
Gaskel, Jerome	Williamson	1st Yr. Med.
Gasper, William Adalbert	Pittsburgh, Pa.	1st Yr. Med.
Gaston, Gail Adams	Oxford	3rd Yr. Phar.
Gaston, James Harry	Morgantown	Fr., A. B.
Gates, Cecil Raymond	Morgantown	Grad., Ed.
Gates, Owen Reginald	Flemington	Sen., A. B.
Gates, Paul Corley	Jane Lew	Jun., A. B.
Gatherum, Robert Storrar	Athens	Grad., Ed.
Gaydosh, Scholastica Benedicta	Wheeling	Sen., B. S. H. E.
Gaynor, John Samuel	Wheeling	Jun., A. B.
Gaynor, Mary Elizabeth	Wheeling	Soph., A. B.
Geddes, David Morrison	Belleview Park, N. Y.	Soph., A. B.
Geller, Frederick Linck	Morgantown	Spec., Phar.

George, Dora Virginia	Philippi	Fr., A. B.
George, Edward Metcalf	Wellsburg	2nd Yr., Law
Geppert, William H.	Clarksburg	Fr., A. B.
Geringer, Benjamin Joseph	New York City, N. Y.	Fr., A. B.
Gerwig, Walter Henry	Parkersburg	Soph., A. B.
Gessler, Paul Ernest	Parkersburg	Soph., B S. Agr.
Gettys, Elmer Vickroy	Wilkinsburg, Pa.	Jun., A. B.
Gibson, Ercell Elizabeth	Morgantown	Music
Gibson, Howard Joseph	Kingwood	2nd Yr. Law
Gisbon, Jean Lewis	Kingwood	Jun., A. B.
Gibson, Ora Lee	Bluefield	Grad., A. & S.
Gibson, Virginia Bess	Kingwood	Fr., A. B.
Gidley, Irma Florence	Morgantown	Fr., A. B.
Giffin, Paul Franklin	Rowlesburg	Fr., A. B.
Gilbert, Eleanor Matilda	Morgantown	Soph., A. B.
Gilhooley, Mary Christine	Ronceverte	Music
Gilkeson, Ralph Miller	Springdale	Soph., B. S. M. E.
Gillespie, Eleanor Dorr	Fairmont	Summer School
Giltner, Virginia Bartlett	Parkersburg	Fr., B. S. Phys. Ed.
Gimbert, Anna Leona	Oceana, Va.	Jun., B. S. Phys. Ed.
Ginsburg, Charles David	Huntington	Soph., A. B.
Girden, Edward S.	New York City, N. Y.	Sen., A. B.
Given, Elvin Ewert	Clendenin	Sen., A. B.
Given, Ida S.	Morgantown	Spec., Phys. Ed.
Givens, Thurman F.	Wolf Summit	Fr., B. S. Agr.
Glash, Frank	Pursgolve	Fr., A. B.
Glasscock, Paul Cordray	Morgantown	Fr., A. B.
Glassman, Danny	Morgantown	Soph., A. B.
Glenn, Albert Hudson	Elkins	Sen., A. B.
Glenn, Francis William	Smithfield, Pa.	Sen., A. B.
Glenn, Marshall	Elkins	Jun., B. S. Agr.
Glover, Ira Russell	Reader	Grad., Ed.
Glover, P. L.	Morgantown	Spec., Ed.
Glover, Roberta Newman	Morgantown	Spec., Ed.
Glover, Warner Atha	Fairmont	Jun., A. B.
Gluck, Lanore Jo	Auburn	Summer School
Glynn, Honora	Wheeling	Jun., B. S. Ed.
Goad, Sidney E.	Clendenin	1st Yr. Law
Godbey, John Randolph	McKendree	Fr., A. B.
Goddin, Avery Howe	Elkins	Jun., B. S. E. E.
Goddin, Elmer D.	Elkins	Summer School
Goddin, Robert Lee	Elkins	Soph., B. S. Agr.
Godwin, James Elmore	Huntington	Jun., B. S. M. E.
Goff, Aubrey Francesco	Glenville	Grad., A. & S.
Goff, Fred Hardman	Clarksburg	2nd Yr. Law
Goff, William Hunter	Burnt House	Fr., A. B.
Gold, William Clendening	Bunker Hill	Soph., B. S. E. E.
Goldapper, Herman Ira	Wheeling	1st Yr. Med.
Goldberg, Daniel	New York City, N. Y.	Jun., A. B.
Goldberg, Gus David	Charleston	Jun., A. B.
Golden, Malcolm Harris	Norwalk, Conn.	Jun., A. B.
Goldinger, Freda	Wheeling	Soph., A. B.
Goldsborough, Daisy Mae	Romney	Sen., A. B.
Goldstein, Osvar Bernard	Morgantown	Sen., A. B.
Gomberg, Albert Roy	Brooklyn, N. Y.	Soph., A. B.
Gompers, Howard William	Wheeling	Soph., A. B.
Goodall, Elizabeth Jane	Charleston	Grad., A. & S.
Goodall, Gladys Goldie	Charleston	Sen., A. B.

Goodman, Edward	New York City, N. Y.	Jun., A. B.
Goodman, Marion Ethlyn	Clarksburg	Sen., B. S. H. E.
Goodrich, Cecile Pearl	Mount Morris, Pa.	Summer School
Goodwin, Evelyn	Cairo	Fr., A. B.
Goodwin, Mary Edith	Cairo	Jun., A. B.
Goodwin, Mary Louise	Morgantown	Music
Gordon, Evelyn Belle	Morgantown	Fr., A. B.
Gordon, Jerome Zollars	Morgantown	Soph., A. B.
Gordon, Von Walter	Morgantown	Soph., A. B.
Gorrell, Elizabeth	Charleston	Fr., A. B.
Gorrell, Mary Garnet	Morgantown	Sen., B. S. H. E.
Gould, Ira	Morgantown	Jun., B. S. Agr.
Graham, Dorothy Virginia Morris	Hollidays Cove	Sen., A. B.
Graham, Glenda	Morgantown	Fr., A. B.
Graham, M. Louise	Morgantown	Spec., A. & S.
Graham, Paul Victor	Hollidays Cove	Fr., A. B.
Graham, William Karl	Hollidays Cove	1st Yr. Med.
Graves, Virginia Lee	Mount Hope	Grad., A. & S.
Gray, Genevieve	Williamstown	Jun., A. B.
Gray, James Howard	Morgantown	1st Yr. Med.
Grayson, Charlotte Sibert	Morgantown	Sen., B. S. Ed.
Green, Esther Williams	Buckhannon	Spec., A. & S.
Green, Norman Bayard	Elkins	Grad., A. & S.
Greene, Marie Eileen	Weston	Fr., A. B.
Greenlee, Grace	Charleston	Fr., B. S. H. E.
Greenlee, Leslie Eugenia	Charleston	Fr., A. B.
Gregory, Emerson O.	Hillsboro	Grad., Agr.
Gregory, Henry Clay	Corley	3rd Yr. Law
Gribble, Lloyd Raymond	Waynesburg, Pa.	Grad., A. & S.
Gridelli, Marie Isabel	Berwind	Soph., A. B.
Griffin, Margaret Louise	Uniontown, Pa.	Summer School
Griffith, Stephen Douglas	Clarksburg	Fr., A. B.
Griglinas, Anna Mae	Thomas	Jun., B. S. H. E.
Grimes, Mabel Vaughn	Morgantown	Music
Grimm, Flora Lazzell	Thomas	Summer School
Grimm, Nellie Marsh	St. Marys	Grad., Ed.
Grogg, Evelyn Lee	Morgantown	Fr., A. B.
Gross, Gerard Whitbeck, II	Uhrichsville, Ohio	Fr., B. S. E. E.
Gross, Virginia Mae	Morgantown	Jun., B. S. H. E.
Grossman, Charles Berzill	Charleston	Soph., A. B.
Grove, Ruth Pauline	Altoona, Pa.	Sen., A. B.
Groves, Owen Allen	Summersville	Soph., A. B.
Grow Lillian Irene	Clarksburg	Soph., A. B.
Grow, William Charles	Morgantown	Fr , B. S. M. E.
Grubb, Glenn William	Mannington	Sen., B. S. C. E.
Guier, Edith Rebecca	Smithfield, Pa.	Sen., A. B.
Guilmette, Anna	Morgantown	Summer School
Gumm, Boyce Leslie	Kingwood	Grad., Ed.
Gunn, Olive M.	Pittsburgh, Pa.	Summer School
Gunneau, Dorothy Elizabeth	Charleston	Fr., B. S. H. E.
Guseman, Thelma Laura	Morgantown	*Fr., A. B.
Guthrie, Robert Curtis	Pt. Pleasant	Sen., B. S. Agr.
Guthrie, Virginia Aileen	Eccles	Music
Gwilliam, James Timothy	Sabraton	Jun., B. S. Phys. Ed.
Gwynne, Albert Calvin	Morgantown	Fr., B S. Phys. Ed.
Habig, Donald Paul	Wheeling	Soph., A. B.
Habig, John Howard	Wheeling	Fr., A. B.
Haddad, Abraham A.	Charleston	1st Yr. Law

Haddock, George Zimmerman	Morgantown	Soph., A. B.
Haden, Charles Harold	Morgantown	Sen., A. B.
Haden, Sam Kramer	Morgantown	Music
Hagy, Elizabeth Virginia	Freeman	Jun., B. S. H. E.
Haines, Pansy Gladys	Morgantown	Fr., A. B.
Haines, Robert Lyle	Romney	Fr., B. S. E. E.
Haislip, Richard Conner	Wheeling	2nd Yr. Med.
Hale, Frank Abram	Weston	Soph., A. B.
Hale, Roy Robert	Weston	Soph., A. B.
Hall, Adrian Hunter	Morgantown	Fr., B. S. C. E.
Hall, Belle Protzman	Morgantown	Spec., A. & S.
Hall, Betty Wheat	Wheeling	Fr., A. B.
Hall, Charles Clinton	Dawes	Sen., A. B.
Hall, Cullen	Williamson	3rd Yr. Law
Hall, Edward Carlton	Morgantown	Grad., A. & S.
Hall, Evelyn Augusta	Morgantown	Sop h, A. B.
Hall, Gus Herman	Charleston	Soph., A. B.
Hall, Ina Claire	Charleston	2nd Yr. Med.
Hall, Irene Herndon	Meadow Bluff	Grad., A. & S.
Hall, James Frederick	Lake Lynn, Pa.	Fr., A. B.
Hall, James Lester	Fairmont	Jun., A. B.
Hall, Janet Houston	Moorefield	Grad., A. & S.
Hall, Lawrence Wilbur	Proctor	Fr., B. S. E. E.
Hall, Lucille Barnes	Fairmont	Jun., A. B.
Hall, Mary Louise	Morgantown	Grad., Ed.
Hall, Myra	Morgantown	Spec., Phys. Ed.
Hall, Nelle Herod	Morgantown	Music
Hall, Othniel Dewey	Morgantown	Grad., A. & S.
Hall, Rosalyn Edna	Smithfield, Pa.	Summer School
Hall, William Lloyd	Morgantown	Fr., A. B.
Hall, Winnie Carroll	Buckhannon	Grad., Ed.
Haller, Bertha Amelia	Elm Grove	Sen., A. B.
Haller, Morris J.	Blacksville	Grad., Ed.
Haller, Verona Clayton	Morgantown	Grad., Ed.
Hamby, Ruth Virginia	Davis	Sen., A. B.
Hamill, Carl Randolph	Wheeling	Summer School
Hamill, Clara Jane	Wheeling	Jun., B. S. H. E.
Hamilton, Charlene Louise	Pennsboro	Sen., A. B.
Hamilton, John Calvin	Lonaconing, Md.	Jun., A. B.
Hamilton, Mary Jean	Belington	Jun., A. B.
Hamilton, Owen Stealey	Wellsburg	Soph., B. S. Agr.
Hamilton, Robert Charles	Hinton	Soph., A. B.
Hamilton, Wilson Page	Grantsville	Soph., A. B.
Hammat, Mary Elizabeth	Parkersburg	Summer School
Hammer, Samuel Francis	Clarksburg	Soph., A. B.
Hammer, Winnie Susan	Flatwoods	Sen., B. S. H. E.
Hammond, Olive Dailey	Moundsville	Grad., A. & S.
Hampton, Raymond Lynn	Kermit	Fr., A. B.
Hamric, Carl Benton	Frametown	Jun., B. S. Ed.
Hamrick, Annie Tabitha	Renick	Jun., A. B.
Hamrick, Franklin Moor	Frankford	Grad., Agr.
Hamrick, Viola Rebekah	Webster Springs	Grad., A. & S.
Hamstead, Alvah Carl	Morgantown	Sen., A. B.
Hamstead, Dora Elma	Morgantown	Jun., B. S. H. E.
Hamstead, Martha Anne	Morgantown	Jun., B. S. H. E.
Hancock, Camilla Mae	Morgantown	Fr., A. B.
Hancock, Mildred Wilfong	Morgantown	Summer School
Handlan, Bertha	Wheeling	Jun., A. B.

Hando, Michael	Fairmont	Soph., A. B.
Hanes, William James	Wheeling	Jun., A. B.
Haney, Agnes Simpson	Morgantown	Soph., A. B.
Haney, Frances Frederick	Morgantown	1st Yr. Law
Hanifan, Floyd R.	Williamson	Grad., Ed.
Hank, Elizabeth Harriet	Morgantown	Summer School
Hanna, William Jennings	Elkhorn	Soph., A. B.
Hannah, Electa	Morgantown	Summer School
Hannah, Mary Florence	Marlinton	Grad., A. & S.
Hannah, Vesto Clio	Morgantown	Jun., B. S. Ed.
Hansford, Edward Middleton	Pratt	Sen., B. S. E. E.
Harbert, Richard Edward	Lumberport	Sen., B. S. Agr.
Hardesty, Harry Clay Reynolds	Wilsonburg	Sen., A. B.
Hardman, Frankie Gweneth	Morgantown	Jun., A. B.
Hardy, Charles Michael	Fairmont	Sen., A. B.
Hardy, Herbert Cannon	Keyser	Soph., A. B.
Hardy, Howard Cecil	Martinsburg	Fr., A. B.
Hare, Charles Edmond	Morgantown	Fr., A. B.
Hark, Israel	Charleston	2nd Yr. Law
Harner, Lela Beryl	Morgantown	Fr., B. S. H. E.
Harness, Frances Katharine	Romney	Grad., Ed.
Harness, Philip Kump	Romney	Soph., A. B.
Harnsberger, William Morgan	Macdonald	*Fr., B. S. Phys Ed.
Harper, Fay	Buckhannon	Grad., A. & S.
Harr, Betty Brooks	Fairmont	Fr., A. B.
Harr, Ingman	Fairmont	2nd Yr. Law
Harrell, Jack Corliss	Charles Town	1st Yr. Phar.
Harrick, George	Punxsutawney, Pa.	Soph., A. B.
Harrick, Michael	Punxsutawney, Pa.	Soph., A. B.
Harrick, William	Punxsutawney, Pa.	Sen., A. B.
Harrington, William Michael	Princeton	Sen., A. B.
Harrris, Elmore Dewite	Mannington	Soph., B. S. E. E.
Harris, Evan Lilbourn, Jr.	Charleston	Jun., B. S. C. E.
Harris, James William, Jr.	Elm Grove	Jun., A. B.
Harris, Marion Bernice	Elk Garden	Sen., A. B.
Harrison, Paul William	Grafton	Fr., B. S. C. E.
Harsh, Hazel Gay	Elkins	Grad., A. & S.
Hart, Charles Burdett	Wheeling	Jun., A. B.
Hart, John Wesley	Grove City, Pa.	Jun., A. B.
Hartley, Alice Evelyn	Morgantown	Grad., A. & S.
Hartley, Clifford Emerson	Maben	Jun., A. B.
Hartley, Edwin Forrest, Jr.	Fairmont	2nd Yr. Law
Hartley, Elma Gregory	Morgantown	Music
Hartley, Silva Elijah	Mt. Morris, Pa.	Grad., Ed.
Hartman, Edwina Virginia	Kingwood	Soph., A. B.
Hartman, Harland Spencer	Kingwood	Music
Hartman, Helen Marguerite	Morgantown	Soph., A. B.
Hartman, Ralph Max	Tunnelton	Soph., A. B.
Hartman, Wilfred Harold	Kingwood	1st Yr. Phar.
Hash, John Wythe	Elkhorn	Jun., A. B.
Haslam, William Aaron	Monaville	Soph., B. S. E. M.
Hassett, Mary Katherine	Wheeling	Jun., B. S. Ed.
Hastings, Lynn	Morgantown	Sen., Ed.
Hatcher, John Henry, Jr.	Beckley	3rd Yr. Law
Hatfield, Arizona Barker	Madison	Spec,, A. & S.
Hatfield, George Anderson	Winona	Sen., B. S. M. E.
Hatfield, Margaret Elizabeth	Morgantown	Jun., A. B.
Hatfield, Oliver Douglas	English	*Fr A B

Haught, Arthur Paul	Belle	Fr., B. S. Ch. E.
Haught, Blanche Feiss	Reader	Summer School
Haught, John William	Buckhannon	Grad., A. & S.
Haught, Viva Elizabeth	West Liberty	Sen., A. B.
Havener, Harriet	Morgantown	Soph., A. B.
Havener, John F.	Morgantown	Fr., A. B.
Havighurst, Marion Perryman	Morgantown	Spec., A. & S.
Hawkins, Arthur Dale	Morgantown	Fr., B. S. Agr.
Hawkins, Carroll	Morgantown	Fr., B. S. M. E.
Hawkins, Leonard Cecil	Lumberport	Soph., B. S. Agr.
Hawley, Eva Claire	Morgantown	Fr., A. B.
Hawley, Helen Post	Huntington	Grad., Ed.
Hawley, Ireta Estelle	Morgantown	Jun., A. B.
Hayes, Braden Hurst	Miami, Fla.	Summer School
Hayes, Elizabeth Roths	Morgantown	Jun., A. B.
Hayes, Lloyd Samue	Morgantown	2nd Yr. Med.
Hayes, Rose Kammerer	Morgantown	Night Class
Hayhurst, Frank Bronson	Pennsboro	Soph., B. S. E. E.
Haymond, Tom Hough	Shinnston	Jun., A. B.
Haynes, Loyd Charles	Clarksburg	Soph., A. B.
Headlee, Alvah John Washington	Morgantown	Grad., A. & S.
Headlee, Clarence Ottas	Parsons	Grad., Agr.
Headlee, Donald Robert	New Martinsville	Fr., B. S. E. E.
Headlee, Samuel Nathan	New Martinsville	Sen., B. S. Ch. E.
Healey, George Harris	Morgantown	Soph., A. B.
Hearne Julian Green, Jr.	Wheeling	3rd Yr. Law
Heatherman, Joe Tom	Wellsburg	Soph., A. B.
Heck, Edward Timmel	Spencer	Soph., A. B.
Heckert, Virginia Ann	Horse Shoe Run	Sen., A. B.
Heckler, George, Jr.	Cairo	Fr., A. B.
Heddleston, Robert Harmon	East Liverpool, Ohio	1st Yr. Phar.
Hedrick, Forest William	Green Bank	Grad., Agr.
Hedrick, Ralph W.	Alderson	Grad., Ed.
Hedrick, Wilmer John	Morgantown	Fr., A. B.
Helmbright, Louis Patrick	Wheeling	Grad., A. & S.
Henderson, John Gibson	Fairmont	Fr., B. S. E. E.
Henkel, Carroll Hess	Martinsburg	Fr., B. S Ch. E.
Hennen, Kathleen Matilda	Morgantown	Fr., A. B.
Henry, Donald Leezer	Morgantown	Fr., B. S. Agr.
Henry, Eleanor Coda	Morgantown	Summer School
Henry, Glen Kern	Morgantown	Jun., B. S. Ind. Ed.
Henry, William Frederick	Morgantown	Fr., A. B.
Hensell, Mary Josephine	Morgantown	Grad., A. & S.
Hensell, Vera Virginia	Morgantown	Sen., A. B.
Hepner, Glade Rolston	Mathias	Soph., A. B.
Herbert, Harold Leonard	New York City, N. Y.	Soph., B. S. Ch. E.
Herd, Charles Thomas	Morgantown	Fr., A. B.
Herd, Josephine Virginia	Morgantown	Jun., A. B.
Hereford, Frank Morton	Bracholm	Jun., A. B.
Hereford, Lois Snow	Bracholm	Fr., A. B.
Hern, Jess Bright	Lewisburg	Fr., A. B.
Herndon, Zeb Hamill	Weleh	3rd Yr. Law
Herod, Lyle Eddy	Alderson	Soph., A. B.
Herskovitz, David Sampson	Morgantown	Fr., A. B.
Herskovitz, Frances A.	Morgantown	Music
Herskovitz, Joseph Benjamin	Morgantown	2nd Yr. Law
Hervey, George Edward	Morgantown	Soph., B. S. E. E.
Hesen, William John	Morgantown	Fr., A. B.

Hess, Charles Corbin	Mannington	Sen., A. B.
Hess, James Noah	Clarksburg	Sen., A B.
Hess, Mabel Fern	Morgantown	Sen., B. S. H. E.
Hess, Maude Frances	Morgantown	Jun., A. B.
Hess, Orace Herman	Morgantown	Fr., A. B.
Hess, William Taylor	Morgantown	Spec., Ed.
Hesse, Harry Rader	Wheeling	1st Yr. Law
Hetrick, Grace Edith	Morgantown	Sen., B. S. H. E.
Hewitt, Edward Lenhart	Lincoln Place, Pa.	Fr., A. B.
Hexter, David Benjamin	New York, N. Y.	Sen., A. B.
Hickman, Abe Tilden	Pennsboro	Summer School
Hickman, Hally Burton	Charleston	Fr., B. S. M. E.
Hicks, Elizabeth Margaret	Wheeling	Jun., A. B.
Hicks, Elma	Webster Springs	Sen., B. S. Ed.
Hiehle, Forbes Rienhold	Parkersburg	Soph., A. B.
Hiett, Chester Burr	Martinsburg	Sen., B. S. Agr.
Higginbotham, Henry Kesler	Bluefield	2nd Yr. Law
Higgins, Clarence Earl	Reader	Soph., B. S. E. E.
Higgins, Odgar Roswell	Littleton	Soph., B. S. M. E.
Higgs, Edward Harrison	Parsons	Jun., A. B.
Higgs, John Lee	Tyrrell, Ohio	Sen., B. S. Ed.
Highland, Anita	Clarksburg	Sen., A. B.
Highland, Virginia Lee	New Martinsville	Fr., A. B.
Hildreth, Eslie Donald	Lumberport	Fr., B. S. Agr.
Hill, Alta Woods	Alderson	Soph., A. B.
Hill, Benjamin Frederick	Charleston	1st Yr. Law
Hill, Charles Wickline	Hillsboro	Soph., B. S. Agr.
Hill, George Otey	Alderson	Jun., A. B.
Hill, James Hornor	Lumberport	Fr., B. S. Ch. E.
Hill, Kenneth Hanlin	New Cumberland	Fr., A. B.
Hill, McKinley Tennyson	Middlebourne	Grad., Agr.
Hilliard, Robert Christy	Morgantown	Soph., A. B.
Hiner, Helen H.	Franklin	Summer School
Hiner, Mary	Mar inton	Soph., A B.
Hinkle, Kathryn	Weston	Jun., A. B.
Hines, Virginia Ruth	Sutton	Grad., A. & S.
Hite, Mary Prichard	Mannington	Sen., A. B.
Hite, Thomas, A	Mannington	Fr., A. B.
Hoard, Jeannette Grace	Pt. Marion, Pa.	Soph., A. B.
Hoard, Sara Kathleen	Morgantown	Sen., B. S. H. E.
Hoban, Michael John	Piedmont	Fr., B. S. E. E.
Hobday, Samuel Lee	Berkeley Springs	Jun., A. B.
Hodges, Florence Conant	Morgantown	Music
Hodges, Kathleen	Morgantown	Soph., B. S. H. E
Hoffa John Wilson	Harrisburg, Pa.	Fr., A. B.
Hoffman, Irving Maxwell	Hudson, N. Y.	Sen., A. B.
Hogan, William Fraze	Kittanning, Pa.	Fr., A. B.
Hoge, John Hampton	Princeton	1st Yr. Law
Hogg, Nancy Elizabeth	Ft. Pleasant	Soph., A. B.
Hogue, Carleton Andrew	Pennsboro	Fr., B. S. Agr.
Hogue, Harlan Bailey	Pennsboro	Fr., B. S. Agr.
Hogue, Homer Hayhurst	Pennsboro	Sen., B. S. Agr
Hogue, James Edgar, Jr.	Morgantown	3rd Yr. Law
Hogue, Junior Lee, Jr.	Pennsboro	*Fr., B. S. Phys. Ed.
Hogue, Malala Mae	Morgantown	Fr., A. B.
Holbert, Fred Kiley	Buckhannon	Grad., Agr.
Holland, Arthur Houston	Blue Creek	Grad., Agr.
Holland, James Walter	Morgantown	Fr., A. B.

Holland, Lunsford Bigony	Sandstone	Fr., B. S. C. E.
Holland, Max Leonard	Logan	Jun., A. B.
Holland, Raymond	Ripley	Fr., A. B.
Holliday, Flora Virginia	Parkersburg	Fr., A. B.
Hollis, George Henry	Martinsburg	Sen., B. S. E. E.
Holmes, Ralph Elwood	Raleigh	Fr., A. B.
Holroyd, Dorothy Jeannette	McKeesport, Pa	Summer School
Holroyd, Roy Locker	Princeton	1st Yr. Med.
Holt, Florence Anna	Flemington, N. J.	Grad., A. & S.
Holt, James Findlay	Grafton	Soph., A. B.
Holt, Mildred Schafer	Morgantown	Summer School
Holy, John Sterrett	Weston	Sen., B. S. Ed.
Holy, William Edward	Weston	Jun., B. S. C. E.
Hood, Hannah Louise	Morgantown	Spec., A. & S.
Hood, Helen Irene	Morgantown	*Fr., A. B.
Hood, Robert Paul	Rivesville	Soph., A. B.
Hooker, Marvin Paul	Wheeling	Sen., B. S. E. E.
Hoover, Hazel	Webster Springs	Grad., Ed.
Hopkins, Henry Sheldon	Charleston	Soph., A. B.
Hopkins, James Vincent	Morgantown	Grad., Agr.
Hornor, Charles Scott, Jr.	Clarksburg	Soph., A. B.
Hornor, Thomas Roland	Bridgeport	Grad., Ed.
Hott, Florence B.	Charleroi, Pa.	Jun., A. B.
Hottle, Katharine Cerena	Davis	Summer School
Houck, Frederick Everet	Fairmont	Jun., B. S. E. E.
Houck, Marvin Russell	Lewisburg	Fr., A. B.
Hoult, Charles Shircliffe	Fairmont	Sen., A. B
Hoult, Harold Ross	Fairmont	Fr., A. B.
Houston, Martha Clifton	Wheeling	Sen., A. B.
Houze, Armand, Jr.	Pt. Marion, Pa.	Fr., B. S. Ch. E.
Houze, Leon Joseph	Pt. Marion, Pa.	Fr., B. S. E. E.
Houze, Roger Joseph	Pt. Marion, Pa.	Music
Howard, Edwin Burley	Triadelphia	Jun., A. B.
Howard, Helen	Cowen	Grad., A. & S.
Howard, Hubert C.	Morgantown	Grad., A. & S.
Howard, Martha Jane	Morgantown	Spec., A & S.
Howard, Zack M.	Charleston	Fr., A. B.
Hoylman, Mary Virginia	Pickaway	Sen., A. B.
Hubbard, Chester Russell, II.	Wheeling	1st Yr. Law
Hubbs, Georgia	Wellsburg	Sen., B. S. Ed.
Hubbs, Irene	Moundsville	Jun., B. S. Ed.
Hubbs, Mary	Moundsville	Jun. B. S. H. E.
Huber, Merritt Stanley	Morgantown	1st Yr Med.
Huddleston, Edra Annis	Beckley	Summer School
Hudgins, Geraldine Isabelle	Morgantown	Fr., A. B.
Huey Elizabeth Jane	Mannington	Fr., B. S. H. E.
Huff, Hayard Harry	Harrisville	Soph., B. S. Agr.
Huffman, Jeff Franklin	Imperial	Soph., B. S. Agr.
Huffman, Kathryn	Morgantown	Sen., A. B.
Huggins, Adrian Harland	Follansbee	Sen., B. S. E. E.
Hughes, Cathryne Frances	Morgantown	Spec., A. & S.
Hughes, Raymond Grove	Elm Grove	Grad., A. & S.
Hughes, Rose	Wheeling	Jun., B. S. Ed.
Hughes, Rupert Earl	Jane Lew	Fr., B. S. Agr.
Hughes, William Chalmers	Morgantown	2nd Yr. Law
Hughes, William Thomas	Morgantown	Jun., A. B.
Humphreys, Ben Lardin	Masontown, Pa.	Sen., A. B.
Humphries, Robert Elmer	Ronceverte	Fr., B. S. Ch. E.

Hundley, John James	War	Summer School
Hunger, Jane Dickie	Point Marion, Pa.	Music
Hunnings, Clayton Fleming	Morgantown	Soph., A. B.
Hunsaker, Alma Gertrude	Fairmont	Sen., A. B.
Hunter, Dale Carlyle	Morgantown	3rd Yr. Law
Hunter, Gladys	Morgantown	Spec., A. & S.
Hunter, Homer Glenn	Pax	Fr., A. B.
Hunter, Mae Rufina	Morgantown	Grad., A. & S.
Hunter, Philip McNaworth	Berkeley Springs	Fr., B. S. M. E.
Hurley, Kathleen	Wheeling	Jun., B. S. Ed.
Huston, Charles Russell, Jr.	Morgantown	Soph., B. S. M. E.
Huston, Helen Hope	Morgantown	Soph., A. B.
Hutchinson, Blanche Cook	Morgantown	Jun., B. S. Ed.
Hutchinson, Hickory Clay	Sandyville	Grad., Agr.
Hutson, Arnold	West Union	Fr., B. S. Agr.
Hutton, Donald Merideth	Clarksburg	1st Yr. Law
Hutton, Ethelynd Bonafield	Morgantown	Spec., A. & S.
Hutton, Luther Frank	Clarksburg	Jun., B. S. Agr.
Hyre, Harold Marteney	Morgantown	Sen., B. S. Agr.
Hyer, Jacob Stephen	Buckhannon	1st Yr. Law
Hytracek, Stephen Francis	Fairchance, Pa.	Sen., B. S. Agr.
Iaquinta, Samuel Joseph	Clarksburg	Fr., B. S. E. E.
Ice, Marye Ellen	Fairmont	Jun., B. S. Ed.
Iden, Josie Mary	Davis	Jun., B. S. Ed.
Iden, Lemuel Lloyd	Chillicothe, Ohio	1st Yr. Med.
Ihlenfeld, Charles Louis	Wheeling	1st Yr. Law
Imbach, Esther Louise	Morgantown	Fr., A. B.
Imbro, Humbert Albert	Brooklyn, N. Y.	Soph., A. B.
Ingraham, William Whitney	Williamson	Grad., Ed.
Ingram, Floyd Abraham	Cameron	Sen., B. S. M. E.
Israel, Lena Margaret Gall	Elkins	Grad., Ed.
Iuliano, Frank Jerry	Newark, N. J.	Soph., A. B.
Izzo, Albert	Dunbar, Pa.	Sen., B. S. E. E.
Jack, Robert Lee	Weston	Jun., A. B.
Jackson, Alexander Earl, Jr.	Fairmont	Soph., A. B.
Jackson, Colby Conrad	Charleston	Fr., A. B.
Jackson, George William	Jane Lew	3rd Yr. Law
Jackson, John Robert	Kingwood	Jun., A. B.
Jacob, Samuel Sprigg	Wheeling	Jun., A. B.
Jacobs, Chauncey D.	Follansbee	Grad., Ed.
Jacobs, David Wood	Morgantown	Soph., A. B.
Jacobs, Sam	Morgantown	Soph., B. S. C. E.
Jacobson, Hubert Lorraine	Edgerton, Wis.	Sen., B. S. Agr.
Jacobson, Russell Kenneth	Edgerton, Wis.	Grad., A. & S.
James, Ernie Bland	Morgantown	Fr., A. B.
James, Eulan Irene	Gassaway	Summer School
James, Joseph Alphonso	Morgantown	Grad., A. & S.
James, Lantz	Frametown	Fr., A. B.
Jamison, Agnes May	Morgantown	Fr., A. B.
Jamison, Beulah Mary	Morgantown	Soph., B. S. H. E.
Jamison, Frank Robert	Fairmont	Grad., Spec.
Jamison, Geneva Artell	Morgantown	Fr., B. S. H. E.
Jamison, Gladys Zearley	Morgantown	Music
Jamison, Nellie Margaret	Morgantown	Soph., A. B.
Jarrett, Geraldine Julia	Charleston	Soph., B. S. H. E.
Jarvis, Lemuel Davisson	Clarksburg	Sen., A. B.
Jaworek, Walter Andrew	Morgantown	Soph., B. S. M. E.
Jeffreys, Allen Henry Bennett	Logan	Fr., A B.

Jeffreys, Everett Osbourne	Morgantown	Jun., A B.
Jenkins, Cletus Harold	Fairmont	Sen., A. B.
Jenkins, Lula	Morgantown	Music
Jenkins, Ne lie Kester	Morgantown	Music
Jenkins, Nell Louise	Morgantown	Music
Jenni, Clyde Bernard	Wheeling	Grad., Eng'g.
Jennings, Earl Nimrod	Weston	Soph., B. S. E. E.
Jennings, Jack Dowell	Buckhannon	1st Yr. Law
Jepsen, Oscar W.	Columbus, Ohio	2nd Yr. Med.
Jester, Jane	New Cumberland	Fr., A. B.
Jett, Daisy Emma	Pullman	Grad., A. & S.
Jett, Russell Seager	Pullman	Grad., Ed.
Jobes, Pauline	Berea	Grad., A. & S.
Johnson, Charles Carl	Morgantown	Soph., A. B.
Johnson, Edward Roy	Charleston	Fr., A. B.
Johnson, George Laughlin	Wheeling	Soph., A. B.
Johnson, Jackson George Farr	West Union	3rd Yr. Law
Johnson, Helen	Sutton	Soph., B. S. Phys. Ed.
Johnson, James Brownlee, Jr.	Keyser	2nd Yr. Med.
Johnson, Jessie Louise	Oak Hill	Jun., B. S. Ed.
Johnson, John Rector	Moundsville	Soph., A. B.
Johnson, L. Bernard	Montrose	Summer Schoo
Johnson, Margaret Genevieve	Morgantown	Soph., A. B.
Johnson, Moselle	Fairmont	Soph., A. B.
Johnson, Oneida Pearl	Morgantown	Fr., A. B.
Johnson, Paul Jennings	Morgantown	Jun., B. S. E. E.
Johnson, Paul Jennings	Morgantown	Jun., B. S. E. E.
Jounson, Ruth	Morgantown	Fr., B. S. H. E.
Johnson, Seth Roth	Lexington, Ky.	Grad., Agr.
Johnson, Thomas Haskin	Wheeling	Jun., A. B.
Johnson, William Mercer	Morgantown	1st Yr., Law
Johnston, Frank Kar	Hillsboro	Grad., Ed.
Johnston, Howard Feighner	Morgantown	Jun., A. B.
Johnston, Joseph Feighner	Morgantown	Fr., A. B.
Johnston, Marguerite Helen	Morgantown	Music
Johnston, Olive May	Morgantown	Spec., A. & S.
Jonhston, Walter Broughton	Princeton	2nd Yr. Law
Jolley, Amy Irene	Follansbee	Jun., A. B.
Jolliffe, Arthur Bernard	Haywood	Fr., A. B.
Jolliffe, Florence Mae	Morgantown	Fr., A. B.
Jones, Cecil Kent	Pittstown, N. J.	Fr., B. S. Agr.
Jones, Clarence Ray	Morgantown	Fr., B. S. Ch. E.
Jones, Delmas Bernard	Moundsville	Fr., A. B.
Jones, Edith Zerna	Mount Nebo	Jun., A. B.
Jones, Emory E. Jr.	Mount Hope	Fr., A. B.
Jones, Gertrude	Martinsburg	Spec., Phys. Ed.
Jones, Gladys Brown	West Union	Grad., A. & S.
Jones, Mae	Elkins	Sen., A. B.
Jones, Mary Stewart	Moundsville	Jun., A. B.
Jones, Orren Lee	Sistersville	Fr., A. B.
Jones, Ralph Junior	Bridgeport	Soph., A. B.
Jones, Theresa Dower	Morgantown	Grad., Ed.
Jones, Willis Lyle	Bridgeport	1st Yr. Law
Jordan, Jeanette Agnes	Richwood	Soph., B. S. H. E.
Joseph, Gene Bauer	Martins Ferry, Ohio	Soph., B. S. Agr.
Joseph, Lambert	Youngwood, Pa.	Grad., A. & S.
Joseph, Pauline	Youngwood, Pa.	Summer School
Judy, Edna Elizabeth	Greenwood, Del.	Summer Schoo

Judy, John David	Peru	Soph., A. B.
Judy, Jonas Paul	Keyser	Grad., Ed.
Justice, Edward Lawrence	Wheeling	2nd Yr. Med.
Justice, John Jay	Morgantown	Soph., A. B.
Kahle, Melvin Wesley	Elm Grove	2nd Yr. Law
Kahn, Benjamin Dan	Fairmont	Grad., Ed
Kahn, Emanuel	Northfork	Fr , A. B.
Kalinauskas, Alfonse Anthony	Thomas	Soph., A. B.
Kammer, Rita	Wheeling	Jun., B. S. Ed.
Kanalz, Karl Henry	Parkersburg	Sen., B. S. M. E.
Kaplon, Frances	Harpers Ferry	Sen., A. B.
Kaplus, Mac Albert	Verona, N. J.	1st Yr. Law
Karnes, Lillian Pelman	Martinsburg	Jun., B. S. H. E.
Karr, William Morrison	Ripley	Fr., A. B.
Katz, Jerome	Bluefield	2nd Yr. Law
Kay, Ellingwood Wilson	Morgantown	2nd Yr. Law
Kay, Mrs. Wilbur Jones	Morgantown	Spec., Phys. Ed.
Kayuha, Frank	Triadelphia	Soph., B. S. M. E.
Keadle, Brown Jackson	Union	Jun., B. S. E. E.
Keck, Arlice Vera	Core	Fr., A. B.
Keck, George Harrold	Kingwood	Summer School
Keck, Winona Helen	Core	Fr., A. B.
Keefe, Ethel Cecilia	Los Angeles, Cal.	Sen., B. S. Ed.
Keefer, Charles Stuart	Morgantown	Soph., A. B.
Keener, Joseph Lindell, Jr.	Morgantown	Grad., A. & S.
Keesecker, Ora Marie	Hedgesville	Summer School
Keesee, Reba Mae	Bluefield	Sen., A. B.
Keever, Kenneth William	Belleville	Jun., A. B.
Keister, Stella Gould	Wheeling	Soph., A. B.
Keith, Harry Dale	Harrisville	Grad., Ed.
Kellenberger, Louis Peter	Charleston	Fr., B. S. E. E.
Kellerman, Margaret	Wheeling	Summer School
Kelley, Ernest L.	Mount Zion	Summer School
Kelley, Maurice Willyle	Morgantown	Grad., A. & S.
Kelley, Sarah Hazel	Brandonville	Grad., A. & S.
Kelly, Anna Mary	Wheeling	Jun., B. S. Ed.
Kelly, Helen Mae	Greensburg, Pa.	Summer School
Kelly, John Benjamin	Rockville Center, N. Y.	Fr., A. B.
Kelly, Ruth E.	Wheeling	Summer School
Kelly, Virginia Laura	Oceana	Fr., A . B.
Kemena, Ernest Frederic, Jr.	Ambridge, Pa.	Fr., B. S. C. E.
Kemper, Mary Elinor	Parkersburg	Fr., A. B.
Kendrick, James Garrison	Weston	Sen., B. S. Agr.
Kendrick, Martha Jane	Weston	Jun., A. B.
Kennedy, Charles Hoffman	Elkview	Grad., Ed.
Kennedy, Duncan Cruickshanks, Jr.	Charleston	Soph., B. S. E. E.
Kennedy, Frank Price	Morgantown	Fr., A. B.
Kennedy, John Henry	Mount Morris, Pa.	Fr., A. B.
Kennedy, Melba Alyce	Morgantown	Fr., B. S. Phys. Ed.
Keown, Robert Wallace	Swissvale, Pa.	Soph., A. B.
Kercheval, Margaret Virginia	Martinsburg	Summer School
Kerns, Mildred Louisa	Wheeling	Jun , A. B.
Kerns, Thomas Evans	Connellsville, Pa.	Fr., A. B.
Kerns, Virginia Lee	Wheeling	Music
Kerr, Eloise Virginia	Grafton	Jun., A. B.
Kessell, Alice Edna	Ripley	Soph., B. S. H. E.
Kessel, H. Clark	Ripley	1st Yr. Med.
Kessel, Lora	Ripley	Sen., B. S. Ed

Kessler, Herschel	Elkins	Jun., A. B.
Kester, Vivien Estella	Clarksburg	Soph., A. B.
Keys, Albert Harold	Middlebourne	Soph., B. S. Agr.
Keys, Frank Glendel	Middlebourne	Sen., A. B.
Keys, Willis Gordon	Middlebourne	Summer School
Kidd, Arnett L.	Buckhannon	Grad., Ed.
Kidd, Paul Hays	Glenville	1st Yr. Law
Kiester, John Henry	St. Marys	1st Yr. Phar.
Kiger, Marvin Ralph	Morgantown	Soph., A. B.
Kiger, Orville Edward	Cameron	Jun., B. S. Phys. Ed.
Kilcoyne, Margaret Josephine	Paden City	Fr., A. B.
Kilmer, John Henry	Martinsburg	Soph., A. B.
Kimble, Brison Edwin	Parsons	Grad., Ed.
Kime, Edward Blaine	Moundsville	Fr., B. S. C. E.
Kimmins, Louise	Elm Grove	Summer School
Kincaid, Henry Herbert	Deepwater	Sen., B. S. E. E.
Kincaid, Martha Elma	Morgantown	Jun., A. B.
King, Byron Francis	New Salem, Pa.	Jun., A. B.
King, Florence Priscilla	Uniontown, Pa.	Jun., A. B.
King, Harry Francis	Rivesville	Spec., A. & S.
King, Helen Louise	Morgantown	Spec., Phys. Ed.
King, John Roger	Hornell, N. Y.	Fr., A. B.
King, Lucille Jane	Mount Nebo	Sen., B. S. Ed.
King, Marjorie Adair	Morgantown	Jun., A. B.
King, Maxine Kathron	Huntington	Jun., B. S. H. E.
Kirby, Jannes Elizabeth	Charleston	Jun., A. B.
Kirchner, Ralph Nisus	Welch	Sen., B. S. E. E.
Kirker, Estella Clendenen	Wellsburg	Sen., B. S. Ed.
Kirsch, David George	Morgantown	3rd Yr. Law
Kirwin, Lawrence Patrick	Charleston	Soph., B. S. E. E.
Kiser, Richard Courtland	Elkins	Grad., A. & S.
Kisner, John Hupp	Fairmont	Jun., A. B.
Kisner, Mary Hood	Morgantown	Fr., A. B.
Kissell, Esther	Springfield, Ohio	Sen., A. B.
Kite, Ruth Virginia	Parsons	Spec., Phys. Ed.
Klein, Dorothy Edith	Grafton	Grad., Ed.
Kline, Ruth Geraldine	Morgantown	Sen., B. S. Ed.
Klingensmith, Frederic Chester	Jeannette, Pa.	1st Yr. Med.
Klinger, Earl William	Morgantown	Jun., B. S. Ch. E.
Knee, Hugh Robert	Morgantown	Fr., A. B.
Knepper, Norman Ellsworth	Somerset, Pa.	Fr., A. B.
Knight, Marion Eugene	Moundsville	Jun., A. B.
Knode, George Thomas	Shepherdstown	Grad., A. & S.
Knott, Dewey Schley	Elizabeth	Grad., Ed.
Knotts, Edwin Richard	Grafton	Jun., B. S. Ed.
Koch, George	Grafton	Jun., B. S. C. E.
Koch, Roy D.	Grafton	Sen., B. S. C. E.
Kochenderfer, Margaret Elizabeth	Elkins	Sen., A. B.
Koerner, Ruth Mary	Clarksburg	Summer School
Koerner, Virginia Hawthorne	Morgantown	Summer School
Kohn, Matthew Francis	Follansbee	Fr., B. S. Phys. Ed.
Kolish, Matt	Farmington	Fr., B. S. Agr.
Koller, John Roy	Triadelphia	Sen., A. B.
Kolopus, Louis John	Elyria, Ohio	Grad., Ed.
Konrad, John Jacob	Charleston	Sen., B. S. C. E.
Koon, Ruby Mae	Monongah	Sen., A. B.
Koontz, Clarence John	Elkins	Sen., A. B.
Koontz, Tom David	Clendenin	Fr., A. B.

Kopko, George Edward	Weirton	Jun., A. B.
Kopp, Fred Pryor	Huntington	3rd Yr. Law
Kopp, Robert Andrew	Huntington	Soph., A. B.
Kosanovic, Fred	Fairchance, Pa.	Jun., A. B.
Kramer, Charles Ellsworth	Fairmont	Soph., A. B.
Kramer, John Shields	Ronceverte	Music
Kranaskas, Anthony	Thomas	Soph., B. S. C. E.
Kranaskas, John	Thomas	Jun., A. B.
Krebs, Charles Gregory	Charleston	Sen., A .B.
Krieger, Edward Myers	Wheeling	Sen., A. B.
Kruger, Harold Fred	Morgantown	Jun., B. S. M. E.
Kruger, Margaret Harriet	Morgantown	Soph., A. B.
Kryder, Fay Layola	Parsons	Sen., B. S. H. E.
Kuehner, Howard Murray	Philadelphia, Pa.	1st Yr. Law
Kuhary, Ernest Frank	Freeman	Soph., B. S. E. M.
Kump, Scott Cyrus	Elkins	2nd Yr. Law
Kump, Frances Irvine	Elkins	Soph., A. B.
Kuykendall, Joseph Pancake	Romney	Fr., B. S. Agr.
Kwass, Sidney Jack	Bluefield	2nd Yr. Law
Kyle, Jean Elizabeth	Clarksburg	Sen., A. B.
LaFollette, James Anderson	Charleston	Soph., A. B.
LaFollette, Robert Brille	Charleston	2nd Yr. Law
Laidley, Mary Rogers	Morgantown	Spec., Phys. Ed.
Laing, Florence M.	Aliquippa, Pa.	Night Class
Laise, Katharine Roberts	Bunker Hill	Jun., B. S. Ed.
Laise, Sara Virginia	Bunker Hill	Jun., B. S. H. E.
Laishley, Virginia May	Morgantown	Music
Lake, Helen Virginia	Fairmont	Soph., A. B.
Lamanca, John	Bluefield	*1st Yr. Phar.
Lambert, James Howard	Wheeling	Grad., Ed.
Lambert, Louise	Bluefield	Sen., A. B.
Lambert, Wintford	Peterstown	Grad., Agr.
Lambie, Bessie Morrison	Charleston	Fr., A. B.
Lancaster, William Paschal	Farmington	Grad., Ed.
Landmesser, Helen Virginia	Morgantown	Fr., A. B.
Landolphi, Fred	Newark, N. J.	Sen., A. B.
Landron, Daniel	Cayey, P. R.	Fr., A. B.
Lang, Harold Nelson	Cameron	Jun., B. S. Ch. E.
Langan, Paul Joseph	Morgantown	Sen., A. B.
Lantz, Ruth	Jacksonburg	Sen., B. S. Ed.
Lantz, Sarah Louise	Morgantown	Sen., A. B.
Lardin, Fred Raymond	New Kensington, Pa.	Soph., A. B.
Large, William Joseph, Jr.	Atlantic City, N. J.	Fr., A. B.
Largent, Harry William	Morgantown	Jun., A. B.
La Rue, Russell George	Wheeling	Jun., A. B.
Lash, Viola Belle	Buckhannon	Jun., A. B.
Laskin, Jack	Wheeling	Fr., B. S. Phys. Ed.
Latham, Enoch Arther	Buckhannon	Sen., B. S. Agr.
Latham, Robert Spalding	Buckhannon	Soph., A .B.
Latham, Winchester Thayer	Buckhannon	Sen., B. S. C. E.
Laughlin, Pauline Sophronia	Metz	Spec., Phys. Ed.
Laughorn, Henry William, Jr.	Charleston	*Fr., A. B.
Launtz, Dora Marie	Elkins	Sen., A. B.
Lawler, Beulah Grayce	Lumberport	Fr., A. B.
Lawless, Catherine	Wheeling	Jun., B. S. Ed.
Lawrence, Faith	Morgantown	Jun., A. B.
Lawrence, Ra ph Osborne	Bluefield	Soph., A. B.
Layman, Harold Howard	Morgantown	Sen.. A. B.

Lazear, Edis Eleanor	Mannington	Grad., A. & S.
Lee, Thomas William	Holden	Fr., B. S. Ch. E.
Leedy, Howard Massey	Powhatan	Fr., A. B.
Lemley, Dawson Enlo	Morgantown	Grad., Ed.
Lemley, Grace Edna	Morgantown	Sen., A. B.
Leeson, Lawrence Raymond	Ravenswood	Fr., A. B.
Leet, Charles	Charleston	Sen., B. S. Ch. E.
Lefevre, George Frank	Point Marion, Pa.	Soph., B. S. E. E.
Le Fevre, Otho Brown	Bunker Hill	Jun., A. B.
Leinwand, Irving	New York City, N. Y.	Fr., A. B.
Leiphart, Charles David	Wheeling	Soph., B. S. Ch. E.
Lemley, Charles Thomas	Morgantown	Soph., A. B.
Lemley, Garnet Esther	Morgantown	Fr., A. B.
Lemley, Hazel Mary	Morgantown	Fr., B. S. H. E.
Lemley, Violet Edith	Morgantown	Night Class
Lepera, Emory	Morgantown	3rd Yr. Law
Levensohn, Herman Bijou	New York City, N. Y.	Soph., A. B.
Levin, Joseph Jerome	Charleston	Fr., A. B.
Levine, Bernard	New York City, N. Y.	Jun., A. B.
Levis, Herbert Clement	Buffalo, N. Y.	Soph., A. B.
Levitt, Louis	Brooklyn, N. Y.	Jun., A. B.
Levy, Ronald Allen	Point Marion, Pa.	Fr., B. S. Agr.
Lewis, Albert Kyle	Grant Town	Fr., A. B.
Lewis, Carl Reuben	Charleston	Sen., A. B.
Lewis, Elizabeth Mozelle	St. Albans	Music
Lewis, Harold Ambrose	Charleston	Soph., B. S. E. E.
Lewis, Isaac	Fairmont	Soph., A. B.
Lewis, John Russell	Homestead, Pa.	Summer School
Lewis, Martha Jane	Morgantown	Music
Lewis, Mary Lorrayne	Newburg	Sen., A. B.
Lewis, William Neale	Point Pleasant	Sen., B. S. Agr.
Lewis, Wetzel Mason	Lorado	Jun., A. B.
Lichliter, Heil Henderson	Salisbury, Pa.	Fr., A. B.
Lide, Elizabeth	Alderson	Summer School
Lieb, Lester L.	Far Rockaway, N. Y.	Soph., A. B.
Lieble, Harry Jennings	Charleston	1st Yr. Med.
Ligget, Vivian	Buckhannon	Grad., A. & S.
Lighthizer, Orville James	Follansbee	1st Yr. Med.
Ligon, William S.	Morgantown	Grad., Agr.
Liller, Burhl Metheny	Kingwood	Summer School
Liller, Catherine Troxelle	Keyser	Sen., A. B.
Liller, Chester L.	Keyser	Summer School
Lilly, David Green	Charleston	2nd Yr. Law
Lilly, Kenneth Orell	Morgantown	Soph., B. S. Ch. E.
Lilly, Virgil Greene	Forest Grove, Oregon	Grad., A. & S.
Limerick, Ida Fitzhugh	Morgantown	Grad., Ed.
Linderman, Eunice Violet	Morgantown	Jun., A. B.
Lindsey, Roy Vernon	Dingess	Jun., A. B.
Linger, Paul Newlon	Morgantown	Fr., B. S. E. E.
Linger, Ruth Lucille	Huttonsville	Jun., B. S. Ed.
Linn, John Darl	Kingwood	Jun., A. B.
Linton, John Hobson	Follansbee	Grad., Ed.
Linton, Marie Tibbals	Follansbee	Summer School
Liter, Bess McVey	Point Pleasant	Grad., A. & S.
Lively, William Edison	Charleston	Soph., A. B.
Llewellyn, Marion	Morgantown	Fr., A. B.
Locker, Harold Vernon	Parkersburg	Soph., B. S. E. E.
Lockhart, Frances Miriam	Wheeling	Soph., A. B.

Lockhart, Stanford	Parkersburg	Soph., B. S. E. E.
Loehr, John Franklyn, Jr.	New Martinsville	Soph., A. B.
Logue, James Joseph	Clarksburg	Sen., A. B.
Long, Dora Marie	Clarksburg	Soph., A. B.
Long, Earnest Raymond	Littleton	Grad., A. & S.
Long, Floyd Bert	Waynesburg, Pa.	Soph., A. B.
Long, Frankie Harriett	Elkins	Sen., A. B.
Long, Virginia Dare	Pine Grove	Grad., A. & S.
Long, Virginia Josephine	Littleton	Fr., A. B.
Longanecker, Charles Paul	Morgantown	Fr., A. B.
Lorant, Jules Arthur	Morgantown	Fr., B. S. C. E.
Lord, Esther Angelia	Bangor, Me.	Grad., Ed.
Loucas, George Emanuel	Weirton	2nd Yr. Law
Lough, Beatrice Janet	Morgantown	Music
Lough, Dana Glenn	Morgantown	Sen., B. S. Agr.
Lough, Donald Herod	Morgantown	Fr., A. B.
Lough, Frank Martin	Point Marion, Pa.	Soph., B. S. Phys. Ed.
Lough, Katharine Irene	Morgantown	Music
Love, Alstair	Moorefield	Jun., A. B.
Love, Francis Johnson	Wheeling	1st Yr. Law
Love, James Sereno	Elm Grove	Soph., A. B.
Love, Ronald Walker	Moorefield	Fr., A. B.
Love, Ruth Pearle	Rices' Landing, Pa.	Jun., A. B.
Lovett, Lane Paul	Bulltown	Fr., B. S. E. E.
Lovett, Thelma	Bulltown	Grad., A. & S.
Loving, Frances Sydna	Morgantown	Fr., A. B.
Lovitch, Clarence	Williamson	Fr., A. B.
Lowe, Alice Margaret	Morgantown	Summer School
Lowe, Hugh Dickson	McComas	Soph., B. S. E. M.
Lowe, John Moore	Morgantown	Grad., Agr.
Lowe, Malcolm Jackson	Parkersburg	Jun., A. B.
Lowe, Robert Paul	Clay	Summer School
Lowe, Robert Wertz	Fairmont	Jun., A. B.
Lowe, Wilbur Darrell	Smithfield, Pa.	Sen., A. B.
Loy, A. Clinton	Ruckman	Summer School
Loy, Edward June	Hoy	Jun., A. B.
Lucas, Irene	Enterprise	Summer School
Ludlam, John Samuel	Morgantown	Summer School
Ludwig, George Philip	Harpers Ferry	Grad., Ed.
Ludwig, Ross	Morgantown	Jun., A. B.
Luke, Hugh Drummond	Morgantown	Soph., B. S. M. E.
Lunter, Louise Julia	Clarksburg	Fr., A. B.
Lutwin, Edward	New York City, N. Y.	Sen., A. B.
Luzader, Everett Ainsley	Richwood	Grad., Ed.
Lydick, Eva Lina	Morgantown	Fr., B. S. H. E.
Lynch, Albert Carl	Clarksburg	Fr., A. B.
Lynch, Charles Scott	Glenville	Grad., A. & S.
Lynch, Elmer Evans	Wheeling	Soph., B. S. Ch. E.
Lynch, Louise	Hinton	Fr., A. B.
Lynch, Nellie Virginia	Grafton	Soph., A. B.
Lyon, John Donovan	Cameron	Jun., A. B.
Lyon, Laura Elizabeth	Rowlesburg	Jun., A. B.
Lyons, Omer Raymond	Point Marion, Pa.	Soph., B. S. M. E.
Lyons, Vondal Annis	Nitro	1st Yr. Phar.
McBee, Mary Elizabeth	Uffington	Fr., A. B.
McBride, Eleanor Josephine	St. Marys	Music
McCahan, Frances Emily	Connellsville, Pa.	Jun., A. B.
McCall, Martha Millicent	Follansbee	Jun., A. B.

McCann, Joseph Carl	Charleston	Fr., B. S. Ch. E.
McCaskey, Ambrose Everett, Jr.	New Martinsville	Soph., B. S. C. E.
McClaugherty, Bernard	Bluefield	1st Yr. Law
McClaugherty, Jack	Bluefield	Soph., A. B.
McClellan, Ernest Edward	Ethel	1st Yr. Med.
McClellan, Gilmer Odell	Branchland	Fr., A. B.
McClelland, Clarence Allen	Hundred	Jun., A. B.
McClelland, Robert Crawford	Morgantown	Sen., A. B.
McClintic, Laura Bymer	Lewisburg	Fr., A. B.
McClung, Beatrice Joan	Richwood	Jun., B. S. Ed.
McClung, Eva Justine	Reedy	Jun., A. B.
McClung, Helen Gertrude	Reedy	Fr., A. B.
McC ure, Harold	Greenville, Pa.	Fr., B. S. Phys. Ed.
McClure, Iris Marguerite	Morgantown	Grad., Ed.
McColloch, Wilbur Jacob	West Liberty	Sen., B. S. Ed.
McComas, Carl Andrew	Huntington	3rd Yr. Law
McComas, William Edward	Fairmont	Grad., Agr.
McCombs, Juno Lawrence	Elizabeth, Pa.	Summer School
McConkey, Fanny Craft	Frametown	Soph., A. B.
McConnell, Anne Carolyn	Wheeling	Sen., B. S. Ed.
McCormick, Charles John	Ellamore	Soph., B. S. E. E.
McCormick, Dennis Carey	Richwood	Grad., Ed.
McCormick, Martha Holt	Richwood	Summer School
McCoy, Elizabeth Barbara	Belington	Fr., A. B.
McCoy, Hallie McGraw	Athens	Summer School
McCoy, Harley Huntington	Mt. Zion	Soph., A. B.
McCoy, Julius C.	Lenore	Grad., Ed.
McCoy, Mary Virginia	Burnsville	Jun., B. S. H. E.
McCoy, Paul E.	Letart	Grad., Agr.
McCray, Mary Kathleen	Fairmont	Sen., A. B.
McCreery, Harry Lacey	Morgantown	3rd Yr. Law
McCue, Ernie Bivin	Horner	Jun., B. S. Ed.
McCue, Nora M.	Elkins	Summer School
McCue, Roy Russell	Horner	Jun., B. S. E. E.
McCue, William Price	Morgantown	Soph., B. S. Ch. E.
McCulla, William Burget	Wheeling	Soph., B. S. E. E.
McCulloh Henry Clay	Piedmont	4th yr. Phar.
McDaniel, Madge Beatrice	Spelter	Grad., A. & S.
McDaniel, Mary Ruth	Spelter	Soph., A. B.
McDaniel, Nell Rae	Cabin Creek	Fr., B. S. Phys. Ed.
McDaniel, Wayne Sturm	Grafton	Sen., B. S. E. E.
McDermott, Bernard Joseph	Morgantown	Soph., A. B.
McDermott, Joseph Henry, Jr.	Morgantown	Sen., A. B.
McDonald, Bernard	Mt. Zion	Soph., B. S. Agr.
McDonald, Denna	Morgantown	Sen., B. S. H. E.
McDonald, Emma Lucile	Jane Lew	Summer Schoo
McDonald, Hallie Elizabeth	Bridgeport	Jun., B. S. H. E.
McDonald, Joseph Vernon	Bunker Hill	Fr., B. S. Agr.
McDonald, Mary Orr	Morgantown	Summer School
McDonald, Verda Blanche	Morgantown	Grad., A. & S.
McDonald, Violet Marie	Bridgeport	Jun., B. S. H. E.
McDowell, Marion Howard	Fairmont	Fr., B. S. E. E.
McElroy, Dennis Lee	Moundsville	Grad., E. M.
McElroy, Kathryn Blanche	Fairview	Music
McEnney, Charles Albert	Morgantown	Music
McGaw, Elizabeth Sarah	Morgantown	Spec., Phys. Ed.
McGaw, Georgeanna Robbins	Morgantown	Spec., A. & S.
McGill, Donald Ray	Wheeling	Sen., A. B.

McGinnis, Frederic Dale	Pennsboro	Sen., B. S. C. E.
McGraw, Pauline Nickell	Second Creek	Soph., A. B.
McGuffie, Charles Archibald	Tunnelton	Fr., A. B.
McGuffie, Harriett Jeannette	Morgantown	Sen., A. B.
McHale, Edward William	Morgantown	Fr., A. B.
McHale, Mark Andrew	Williamsburg	Fr., B. S. Agr.
McHale, Virginia DeSales	Elkins	Jun., B. S. H. E.
McHenry, Charles Ross	Parkersburg	Summer School
McHenry, Jesse Parsons	Wheeling	Sen., B. S. Ed.
McIlvain, William Earl	Cameron	1st Yr. Med.
McIlvaine, John Wilson	Washington, Pa.	1st Yr. Law
McInroy, Stephen Wilson, Jr.	Romney	Fr., B. S. E. E.
McIntosh, Jean	Ravenswood	Music
McKain, Mary Jane	Fairmont	Jun., B. S. H. E.
McKee, Alice Jewell	Clendenin	Music
McKee, Betty Adelaide	Huntington	Fr., B. S. Pub. Health
McKee, Kirkland Shepherd	Elkins	Summer School
McKeever, Ivan	Frankford	Sen., B. S. Agr.
McKeever, Opal	Frankford	Soph., A. B.
McKelvey, Robert H.	Key, Ohio	1st Yr. Med.
McKenney, Marion McKinley	Ravenswood	Summer School
McKinley, George William	Clarksburg	Fr., Eng'g.
McKinney, Albert Lynn	Reedsville	Fr., B. S. Phys. Ed.
McLain, Ruth Alice	Morgantown	Grad., A. & S.
McLane, William Alan, Jr.	Fairmont	Fr., A. B.
McLaughlin, Daniel Snyder	Elkins	Grad., Ed.
McLaughlin, Doris Lee	Morgantown	Music
McLaughlin, Ione McCoy	Richwood	Jun., A. B.
McLaughlin, James Orville	Richwood	Jun., B. S. Ed.
McLaughlin, Vida Leone	Morgantown	Grad., A. & S.
McMahon, Anna	Wheeling	Summer School
McMillan, Beatrice	New Cumberland	Jun., A. B'
McMillen, Harold Luther	Morgantown	Fr., B. S. Ind. Ed.
McMillen, Sherrell Dwight	Masontown	Soph., B. S. Agr.
McMillion, Theodore Miller	Beaver Falls, Pa.	Summer School
McMillion, Willie Carl	Lewisburg	Jun., B. S. E. E.
McNamara, Katie Louise	Williamson	Sen., B. S. Ed.
McNamara, Richard Garett	Wheeling	1st Yr. Phar.
McNeill, Ellis Meade	Buckeye	Grad., A. & S.
McNeill, Hugh Montell	Huntington	Jun., A. B.
McNeill, Louise	Marlinton	Soph., A. B.
McParland, Rose	Wheeling	Jun., B. S. Ed.
McQuain, Eunice	Troy	Jun., B. S. Ed.
McQuain, Helen Leah	Troy	Grad., A. & S.
McQuain, Lois	Troy	Grad., A. & S.
McQuain, Myra Pauline	Troy	*Fr., A. B.
McQuillan, Lavinia	Follansbee	Sen., A. B.
McQuillan, Ruby	Follansbee	Sen., A. B.
McSteen, Arthur Joseph	Greensburg, Pa.	Jun., A. B.
McWhorter, James Alessandro	Charleston	1st Yr. Law
McWhorter, John Parrish	McWhorter	Soph., A. B.
McWhorter, John Scott	Lewisburg	Soph., A. B.
MacCorkle, Constance	Morgantown	Fr., B. S. H. E.
MacDonald, Frederic Arthur	Huntington	3rd Yr. Law
MacDonald, Harry John	Cumberland, Md.	Fr., A. B.
MacDonald, Lois Jean	French Creek	Grad., Ed.
MacDonald, Mabel Gregg	Greensburg, Pa.	Fr., A. B.
Machesney, John Wilfred	Morgantown	Jun., A. B.

Mackey, Loyal B.	Cameron	Fr., B. S. Phys. Ed.
Maclin, Luttrell J.	Morgantown	Fr., B. S. Ch. E.
MacMillan, Anne Smith	Scottsville, N. Y.	Soph., A. B.
Madden, Rose Mary	Elm Grove	Jun., A. B.
Madeira, Frances Virginia	Morgantown	Soph., B. S. H. E.
Madison, Harold	Whitmans	Jun., B. S. M. E.
Mahanna, Darrel George	Parkersburg	Fr., A. B.
Mahanna, Donald Luther	Parkersburg	Fr., A. B.
Mahl, Lowe John	Weirton	Soph., A. B.
Major, Charles	Nanticoke, Pa.	Fr., A. B.
Malesky, Joseph Stanley	Lake Lynn, Pa.	Soph., B. S. E. M.
Mallamo, Joseph Thomas	Fairmont	Soph., A. B.
Malone, Creed, Jr.	Morgantown	Jun., B. S. E. E.
Malone, Lee Frederic	Morgantown	1st Yr. Law
Manasse, Dorothy Dean	Charleston	Sen., A. B.
Manion, Thomas Francis	Wheeling	Jun., B. S. E. E.
Mankoff, Louis Marvin	Williamson	Soph., A. B.
Mann, Fletcher Wills	Ballard	3rd Yr. Law
Mansour, Farris	Charleston	Sen., A. B.
Mansour, Paul	Charleston	2nd Yr. Law
Mansour, Victor	Charleston	Fr., A. B
Manuel, Marvin Ira	Charleston	Soph., A. B.
Margolin, Abraham Stanley	Woodcliffe, N. J.	Jun., A. B.
Mariani, Armando Antommattei	Yauco, P. R.	2nd Yr. Med.
Marinari, Jack	War	1st Yr. Law
Marker, Harry Joseph	Ligonier, Pa.	Fr., A. B.
Markheim, Lee Jerome	Brooklyn, N. Y.	Sen., A. B.
Markley, Frances Courtney	Morgantown	Soph., A. B.
Markley, Harrison Moore	Morgantown	Sen., A. B.
Marks, Olin Esker	Middlebourne	Grad., Ed.
Marple, Bertha Freda	Flatwoods	Jun., A. B.
Marques, August	Old Lynne, Conn.	Soph., A. B.
Marsh, Ethel Margaret	Warwood	Fr., A. B.
Marshall, David Miller	Scottdale, Pa.	2nd Yr. Law
Marshall, Harold Cuthbert	So. Brownsville, Pa.	2nd Yr. Law
Martin, Charles Herman	Fairmont	Grad., Ed.
Martin, Edgar Blair	Shinnston	Grad., Ed.
Martin, Ella	Clarksburg	Fr., B. S. H. E.
Martin, Fred Harrison	Bridgeport	Fr., B. S. Ch. E.
Martin, Georgia Blocher	Shinnston	Grad., Ed.
Martin, Gertrude	Morgantown	Summer School
Martin, Gilbert Adrain	Watson	Grad., Ed.
Martin, Helen Louise	Morgantown	Music
Martin, Henrietta Adelaide	Flemington	Sen., A. B.
Martin, Heyward Erington	Morgantown	Fr., A. B.
Martin, Howard Garrison	Morgantown	Jun., B. S. Ind. Ed.
Martin, Hugh Burns	Farmington	Sen., B. S. C. E.
Martin, John Howard	Shinnston	Sen., A. B.
Martin, Leslie	Fairmont	Jun., A. B.
Martin, Mary Edith	St. Marys	Jun., A. B.
Martin, Mary Evelyn	Point Marion, Pa.	Jun., A. B.
Martin, Meredith Aldine	Morgantown	Fr., A. B.
Martin, Morgan Vincent	Martinsburg	3rd Yr. Law
Martin, Nancy Katherine	New Martinsville	Summer School
Martin, Paul Herbert	Metz	Fr., A. B.
Martin, Richard Robert	Wilmerding, Pa.	Fr., A. B.
Martin, Thelma Carman	Morgantown	Soph., A. B.
Martin, Wayne Stephen	Morgantown	Soph., B. S. Ind. Ed.

Martin, William Preston	Morgantown	1st Yr. Law
Mason, John Walter	Marlinton	Sen., A. B.
Mason, Paul Wesley	Parkersburg	Fr., B. S. C. E.
Mason, Ruth	Meyersdale, Pa.	Fr., B. S. Phys. Ed.
Masonheimer, Wilbur Lynn	Clarksburg	Fr , B. S. M. E.
Massey, Kermit Falsom	Cabin Creek	Fr., A. B.
Mathews, Helen Clayton	Charleston	Summer School
Mathews, Lena Diggs	Morgantown	Soph., A. B.
Mathews, Sue	Grantsville	Sen., A. B.
Mathias, John Allen	Moorefield	Fr., B. S. Agr.
Mathieson, Norman Gardner	Munhall, Pa.	Soph., A. B.
Matics, Dorothy Virginia	East Bank	Sen., A. B.
Matthews, Marshall Semans	Mannington	1st Yr. Phar.
Maust, Arthur Allen	Morgantown	Sen., A. B.
Maust, Grace Irene	Clifton Mills	Grad., A. & S.
May, Clarence Adam	Beard	Jun., B. S. Agr.
May, George Elmer	Keyser	Jun., A. B.
May, Homer H.	Salem	Grad., A. & S.
May, Lena Fay	Mapletown, Pa.	Jun., B. S. Phys. Ed.
May, Loy Chester	Sistersville	Sen., A. B.
Mayfield, Mary Fon Elizabeth	Morgantown	Jun., A. B.
Mayfield, Otto Wayne	Masontown	Fr., B. S. Agr.
Maynard, John Frank, Jr.	Bluefield	1st Yr. Law
Mayne, Mabel De Lillian	Hundred	Jun., A. B.
Mayola, Louis Vincent	Newburg	Soph., A. B.
Mayola, Peter Louis	Keyser	Sen., A. B.
Meadows, Azel, Jr.	Huntington	Jun., A. B.
Meadows, Evelyn Adeline	Hinton	Soph., A. B.
Means, Edith Elizabeth	Lost Creek	Summer School
Means, Eugene Lester	West Milford	Soph., B. S. Ch. E.
Means, Lilly Azel	Troy	Jun., B. S. H. E.
Means, Milton Charles	Lemont Furnace, Pa.	Jun., A. B.
Means, Robert Clayton	Charleston	Fr , A B.
Medvin, Louis	Morgantown	Soph., A. B.
Meek, George	Morgantown	Fr., A. B.
Megailey, Ennis Edward	Chester	Sen., A. B.
Megrail, Altai Irma	Morgantown	Fr., B. S. H. E.
Meisel, Clarence Joseph	Huntington	Fr., B. S. Ch. E.
Meisel, Louis David	Huntington	2nd Yr. Law
Mellott, Miller	Glen Easton	Soph., B. S. Ch. E.
Melnicoff, Benjamin Ivan	Morgantown	Sen., A. B.
Melnicoff, Sidney	Morgantown	Soph., A. B.
Menedis, Albert George	Brooklyn, N. Y.	1st Yr. Law
Menendez, Florinda	Spelter	Grad., A. & S.
Mentzer, Richard Lewis	Hillside, N. J.	Fr., B. S. E. M.
Mercer, John Robert	Moundsville	Soph., B. S. C. E.
Mercer, Mary Louise	New Cumberland	Sen., B. S. Ed.
Meredith, James Russell	Fairmont	Soph., B. S. E. E.
Meredith, Marion	Fairmont	1st Yr. Law
Meredith, William Edgar	Huntington	2nd Yr. Law
Merendino, Frances Augusta	Clarksburg	Music
Merendino, Salvatore Norman	Clarksburg	1st Yr. Law
Merendino, Vincent Americus	Clarksburg	Sen., A. B.
Merricks, James Wesley	Charleston	1st Yr. Med.
Merritt, John Stephens	Glen White	Jun., B. S. E. E.
Merryman, William Henry	Wellsburg	Soph., A. B.
Messmore, Lindsey Ellison	Brownsville, Pa.	Fr., B. S. E. E.
Meyer, Fred Jackson	Davis	Summer School

Meyers, Paul Thomas	Clarksburg	Jun., A. B.
Michael, Ethel Wolfe	Morgantown	Grad., A. & S.
Michael, Grace	Fairmont	Spec., Phys. Ed.
Michael, Mary Jean	Morgantown	Sen., B. S. Ed.
Michael, Vaughn	Morgantown	Soph., B. S. Agr.
Michael, Willa Madge	Fairview	Sen., B. S. H. E.
Michie, Beverly Lee	Charleston	Soph., A. B.
Michie, Robert Myrel	Fairmont	Fr., A. B.
Mick, Myra Lynch	Glenville	Grad., A. & S.
Milam, Earl	Morgantown	Sen., B. S. E. E.
Milam, Lora Pearl	Robinwood	Sen., B. S. H. E.
Milam, Otis Huffman	Barrackville	Grad., Ed.
Milam, Virginia Dale	Robinwood	*Fr., A. B.
Millard, Pansy Alice	Morgantown	Sen., B. S. H. E.
Millender, Alfred Franklin	Williamsburg	Grad., Agr.
Miller, Adelyn Isabella	Martinsburg	Grad., Ed.
Miller, Carroll	Gauley Bridge	Fr., A. B.
Miller, Charles Baker	Accident, Md.	Summer School
Miller, Daisy Mae	Charleston	Jun., A. B.
Miller, Edward Francis	Moundsville	Jun., B. S. E. M.
Miller, Elsie Billie	Farmington	Sen., A. B.
Miller, Emma Ruth	Tunnelton	Sen., A. B.
Miller, Ernest Blaire	Jones Mills, Pa.	1st Yr. Med.
Miller, Eskridge Sherman	Webster Springs	Fr., B. S. M. E.
Miller, French Ronald	Morgantown	Fr., A. B.
Miller, Harriet Jane	Morgantown	Soph., B. S. H. E.
Miller, Jean Ellen	Charleston	Fr., A. B.
Miller, Margaret Mildred	Littleton	Sen., A. B.
Miller, Mary Ethel	Rockwood, Pa.	Grad., Ed.
Miller, Mary Frances	Point Marion, Pa.	Jun., B. S. H. E.
Miller, Myrtle Mae	Cameron	Grad., Ed.
Miller, Nellie Marie	Tunnelton	Soph., A. B.
Miller, Phyllis Maxine	Kingwood	Soph., A. B.
Miller, Robert Howell	Elkhorn	*Fr., A. B.
Miller, Rufus Glen	Kingwood	Sen., A. B.
Miller, Virginia Allene	Wheeling	Jun., A. B.
Miller, Webster Earl	Terra Alta	Grad., A. & S.
Miller, William Oscar	Kingwood	Summer School
Miller, William Stanley	Fort Sybert	Jun., B. S. Agr.
Miller, Willie D.	Webster Springs	Summer School
Milleson, William Thomas	Springfield	Jun., B. S. Agr.
Milligan, Harry Blatchley	Waveland, Ind.	Grad., A. & S.
Milliken, Alma	Triadelphia	Sen., A. B.
Milliken, Sylvia Lillian	Waynesburg, Pa.	Soph., A. B.
Mills, Lawrence Hoy	Clarksburg	1st Yr. Med.
Mimoso, Juan Raspaldo, Jr.	Caguas, P. R.	1st Yr. Med.
Minney, Cray	Lockney	Soph., Ind. Ed.
Minor, Louie Boggs	Franklin	Grad., A. & S.
Minton, Catherine M.	Jonesville, Va.	Music
Mish, Arnold F.	Inwood	Grad., A. & S.
Mitchell, Henry Clay	Wheeling	Summer School
Mitchell, Wanda Blye	Parkersburg	Soph., A. B.
Mitchell, William R.	Uniontown, Pa.	Summer School
Moehs, Joseph Samuel	New York City, N. Y.	Sen., A. B.
Moler, Daniel Grove	Shepherdstown	2nd Yr. Law
Monack, Robert Eugene	Charleroi, Pa.	Soph., B. S. M. E.
Monday, Robert Dale	Charleston	1st Yr. Phar.
Monroe, Mary Edith	Parkersburg	Sen., B. S. H. E.

Monser, Alice Veronica	Middlebourne	Grad., A. & S.
Monteith, Victor St. Clair	Martinsburg	Soph., B. S. E. E.
Montgomery, Kathryn Nancy	West Liberty	Grad., A. & S.
Montgomery, Leslie	Central Station	Sen., B. S. Agr.
Montgomery, Roy Kenneth	Morgantown	Soph., B. S. E. E.
Moore, Bernard Joseph	Morgantown	Fr., A. B.
Moore, Elizabeth Lucinda	Elkins	Sen., A. B.
Moore, Frederica McDonald	West Alexander, Pa.	Soph., A. B.
Moore, Gladys Nellie	Elkins	Summer School
Moore, John Mark	West Alexander, Pa.	Jun., A. B.
Moore, Margaret Elizabeth	Charleston	*Fr., A. B.
Moore, Martha Augusta	Wheeling	Jun., A. B.
Moore, Mary Field	Morgantown	Soph., A. B.
Moore, Mary Virginia	Morgantown	Soph., A. B.
Moore, Richard C.	Fairmont	1st Yr. Law
Moore, Sara Alice Richey	Morgantown	Fr., A. B.
Moore, Thomas Spencer	Charleston	Fr., B. S. Ch. E.
Moore, William John	Morgantown	2nd Yr. Law
Moore, Willard Julian	Mt. Hope	Soph., B. S. E. E.
Moors, Harry Thomas	Morgantown	3rd Yr. Phar.
Moran, Don Edward	Wheeling	Jun., B. S. Ch. E.
Morello, Alfred John	Jamaica, N. Y.	Soph., A. B.
Morgan, Betty Fairfax	Cumberland, Md.	Jun., A. B.
Morgan, Clark Raymond, Jr.	Morgantown	Sen., A. B.
Morgan, Eleanor Elizabeth	Farmington	Jun., B. S. H. E.
Morgan, Fred Burgess	Williamson	*Fr., B. S. Phys. Ed.
Morgan, Harvey	Krollitz	*Fr., A. B.
Morgan, James Marshall	Morgantown	Jun., B. S. E. E.
Morgan, Marion Virginia	Morgantown	Grad., A. & S.
Morgan, Samuel Cree	Morgantown	Soph., A. B.
Morley, Wilmer Vernon	Mona	Fr., A. B.
Morris, Edna Leyman	Morgantown	Music
Morris, John Hite	Morgantown	Fr., B. S. M. E.
Morris, John Jacob	Wheeling	Soph., A. B.
Morris, Robert Chesney	Fairmont	1st Yr. Law
Morris, Ruth Eleanor	Clarksburg	Fr., A. B.
Morris, Ruth Lucille	Fairmont	Music
Morris, Sinsel Shields	Cameron	Sen., A. B.
Morris, William Malcolm	Kayford	Sen., B. S. E. M.
Morrison, Charles Robert	Charleston	Fr., A. B.
Morrison, Elizabeth	Wilsonburg	Jun., B. S. Ed.
Morrison, Mayme Bryan	Cox's Mills	Grad., A. & S.
Morrison, Wilbur Cornell	Morgantown	Jun., B. S. Ind. Ed.
Morton, Shirley	Strange Creek	Jun., A. B.
Mountain, Alvira	Confluence, Pa.	Sen., A. B.
Mouser, Aude Switzer	Philippi	Summer School
Moyers, Clarence Evert	Bruceton Mills	Sen. B. S E. E.
Moyers, Paul Shay	Gem	Fr., B. S. Agr.
Muffley, Harry Paul	Morgantown	Grad., Agr.
Muir, Thomas Fitch	New York City, N. Y.	Soph., A. B.
Mullan, George Oscar	Martinsburg	Grad., Agr.
Mullen, Austin Francis	Leckrone, Pa.	Sen., A. B.
Mullen, Lille D.	Martinsburg	Summer School
Mulligan, Howard James	So. Brownsville, Pa.	Jun., A. B.
Mullins, Opal Barker	Blair	Fr., A. B.
Mumper, Cleo Margaret	Taylorstown, Pa.	Grad., A. & S.
Munchmeyer, Robert John	Washington	Soph., B. S. Agr.
Muntzing, Harrison Gus	Maysville	3rd Yr. Law

Murphy, Greeley Sheridan	Morgantown	Soph., A. B.
Murphy, Lora Hutson	West Union	Jun., A. B.
Murphy, Melissa Marie	Point Marion, Pa.	Grad., A. & S.
Murphy, Ruth	Charleston	Soph., A. B.
Murphy, Thomas Henry	Wheeling	2nd Yr. Med.
Murray, William Joseph	Wheeling	Fr., A. B.
Murrell, Walter Ware	Huntington	Jun., B. S. Ch. E.
Murrin, Julian Francis	Parkersburg	Summer School
Musgrave, John Howard	Mt. Clare	Sen., A. B.
Musgrove, William Donald	Fairmont	Jun., B. S. Ch. E.
Musser, Erma Mildred	Clarksburg	Spec., Phys. Ed.
Myers, Ada O.	Morgantown	Spec., A. & S.
Myers, Bertha Vivian	Parsons	Fr., B. S. H. E.
Myers, Elmer Elden	Philippi	2nd Yr. Med.
Myers, John Watt	McMechen	Fr., A. B.
Myers, Lenore	Parkersburg	Fr., A. B.
Myers, Mansell Dumont	McMechen	1st Yr. Med.
Myers, Mildred Frances	New Martinsville	Grad., A. & S.
Myers, Orie Paul	Clarksburg	Jun., A. B.
Nale, Orpha Lucille	Morgantown	Grad., A. & S.
Neal, Frances Lucille	Chester	Fr., B. S. Phys. Ed.
Neal, Louise Emma	Alderson	Soph., B. S. H. E.
Neely, Alfred	Fairmont	2nd Yr. Law
Neely, Reva Belle	Rivesville	Fr., B. S. H. E.
Neff, Earl Milton	Slatington, Pa.	Soph., A. B.
Neff, Harold Hanna	Charleston	1st Yr. Law
Neill, J. Donald	Cairo	*Fr., A. B.
Nekoranec, Paul Lawrence	Morgantown	Fr., A. B.
Nesbitt, William John	Wheeling	Fr., B. S. C. E.
Nester, Hansford Dorsey	Ronceverte	1st Yr. Med.
Nestor, Margaret	Elkins	Grad., A. & S.
Nethken, Mary Helen	Newburg	Sen., A. B
Neuberger, Louis Hale	Weston	Jun., A. B.
Newcomer, James Elmer	Uniontown, Pa.	Jun., B. S. E. E.
Newlon, Frances	Sutton	Jun., B. S. H. E.
Newman, Charles Albert	Moundsville	2nd Yr. Law
Newman, Dorothy Hedges	Moundsville	Fr., A. B.
Newman, Margaret Fahey	Moundsville	Sen., A. B.
Newton, Richard	Portland, Ore.	Grad., Ch. E.
Nichols, Beulah Ruth	Chester	Fr., A. B.
Nichols, Mildred Camille	Elm Grove	Summer School
Nichols, Paul Ruffner	Webster Springs	Fr., A. B.
Nicholson, Pauline	Elkins	Jun., A. B.
Nickles, Marcus James	Morgantown	Soph., B. S. E. E.
Niedemeyer, Helen Louise	Wheeling	Jun., B. S. Ed.
Niehaus, Andrew James	Wheeling	1st Yr. Med.
Niehaus, Edward Joseph	Wheeling	Soph., B. S. Ch. E.
Nine, Ernest Grant	Capon Bridge	Grad., A. & S.
Niner, Albert James	Morgantown	Fr., B. S. M. E.
Nixon, George Frederick	Morgantown	Sen., B. S. Agr.
Nixon, Thomas Daniel	Morgantown	Jun., B. S. Ind. Ed.
Noel, Delbert Henry	Hinton	Jun., A. B.
Noland, Edward William	Romney	Sen., A. B.
Noland, Velda	Morgantown	Night Class
Nolting, John Paul, Jr.	Clarksburg	Sen., A. B.
Norton, Baldwin Abram, 3rd.	Connellsville, Pa.	Fr., B. S. M. E.
Nottingham, James Richard	Morgantown	Soph., B. S. E. E.
Noud, Irene Marian	Morgantown	Summer School

Null, Etta Mae	Hundred	Music
Null, Eugene Jennings	Hundred	Soph., A. B.
Nutter, Carl Joe	Spencer	1st Yr. Law
Nutter, Jane Ruth	Morgantown	Sen., A. B.
Nutter, Margaret Lucille	Rowlesburg	Fr., A. B.
Nutter, Raymond B.	Enterprise	1st Yr. Med.
Nuzum, Charles Richard	Hepzibah	Jun., A. B.
Nuzum, David Graham	Hepzibah	Fr., A. B.
Nuzum, James Richard, Jr.	Morgantown	Jun., B. S. Agr.
O'Brien, Richard	New York City, N. Y.	Fr., A. B.
Ocoma, Eduardo Calicdan	Mangaldan, P. I.	Soph., A. B
Odell, Challens Beryle	Shinnston	Fr., B. S. Agr.
O'Donnell, Earle V.	Parkersburg	Grad., Ed.
O'Farrell, Paul James	White Sulphur Springs	Soph., A. B.
Offutt, James Hucorn	Greensburg, Pa.	Soph., A B
Offutt, Vernon Delmas	Romney	1st Yr Med.
Ogden, Herbert Leland	Fairmont	3rd Yr. Law
O'Gilvie, Martha Ward	Morgantown	Fr., A. B.
Oleano, Luke Andrew	Clarksburg	3rd Yr. Phar.
O'Leary, Charles James	Piedmont	Jun., B. S. E. E.
Olson, Harold Cecil	Brookings, S. D.	Grad., Agr.
Oneacre, Lawrence Frederick	New Martinsville	Jun., B. S. E. E.
O'Neill, Joseph Brown	Uniontown, Pa.	Sen., A. B.
Opel, Edward Clinton	Elkins	Sen., A. B.
Oppenheimer, Benjamin Rolland	Morgantown	Fr., A. B.
Orr, Louis Mahan	Wellsburg	2nd Yr. Med.
Orth, John Malcolm	Morgantown	3rd Yr. Law
Oshel, Paul Sheridan	Point Pleasant	Sen., B. S. Agr.
Owen, Dorothy Jane	West Union	Jun., A. B.
Owen, John Custer	Clarksburg	Fr., B. S. C. E.
Owens, Clifford Glen	West Alexandria, Ohio	Summer School
Paladino, Benjamin Joseph	Clarksburg	Sen., B. S. C. E.
Palmer, Bessie Mae	Bridgeport	Grad., A. & S.
Palmer, Lewis Edwin	Sherman	Soph., B. S. E. E.
Parker, Carrie L.	Glen Hedrick	Grad., Ed.
Parker, Frank F.	Rivesville	Fr., B. S. Agr.
Parker, George Milton	Glen Hedrick	Grad., Ed.
Parks, Otia Cornelia	Elizabeth	Summer School
Parrack, Francis Evan	Kingwood	1st Yr. Law
Parrack, Horace Oland	Morgantown	Summer School
Parriott, William Wright	Morgantown	Fr., A. B.
Parrish, Chester Renn	Fairview	Grad., A. & S.
Parrish, John McMahon	Mannington	Fr., B. S. E. M.
Parry, Elizabeth Geraldine	Belle Vernon, Pa.	Fr., B. S. H. E.
Parshall, David Benjamin	Wheeling	Soph., A. B.
Parsons, Don Brown	Keyser	Sen., B. S. C. E.
Parsons, Frederick Wade Don	Ripley	Sen., B. S. Agr.
Parsons, Harold Ewing	Morgantown	Fr., A. B.
Parsons, Norman Welbec	Morgantown	Soph., B. S. E. E.
Parsons, Virginia Catherine	Keyser	Sen., A. B.
Patterson, John Lester	Barton, Md.	Soph., A. B.
Patton, Catherine Johnson	Bridgeport	Sen., A. B.
Paugh, Herbert Joseph	Berkeley Springs	Sen., B. S. C. E.
Pauley, Franklin	Charleston	Soph., A. B.
Pearson, Eloise	St. Albans	Jun., B. S. Phys. Ed.
Pearsall, Samuel Johnson	Hopwood, Pa.	*Fr., A. B.
Peaslee, Ethel Virginia	Rowlesburg	Soph., A. B.
Pell, Robert Hunter	Morgantown	Sen., B. S. E. E.

Pell, Sarah	Masontown	Summer School
Pelter, John Joseph	Dehue	Jun., A. B.
Pendleton, William Swanson	Princeton	Soph., A. B.
Penn, Frank Hogan	MacDonald	2nd Yr. Med.
Penn, Samuel Elvin	Mount Pleasant, Pa.	Fr., A. B.
Pepper, John Samuel	Morgantown	Jun., B. S. C. E.
Peregoy, Clarence Gilbert	Eccles	Grad., Ed.
Perilman, William	Wheeling	Fr., A. B.
Perine, Eunice Lucile	Morgantown	Soph., B. S. Phys. Ed.
Perine, Howard	West Union	Grad., Agr.
Perkins, Virgil Hickman	Sherrard	Soph., A. B.
Perrine, Paul Wilson	Exchange	Soph., B. S. Agr.
Perryman, Virginia Clark	Ronceverte	Grad., Ed.
Peters, Clay Francis	Oak Hill	Jun., A. B.
Peters, Earl Edgal	Romney	Spec., A. & S.
Peters, Edwin Lee	Union	4th Yr. Phar.
Peters, Gilbert Burdette	Morgantown	Fr., A. B.
Peterson, Alva Brooks	Buckhannon	Jun., B. S. Agr.
Peterson, Howard Gaston	Weston	Sen., B. S. Agr.
Peterson, Sylvia	Dellslow	Spec., Ed.
Petroplus, August William	Wheeling	1st Yr. Law
Pettigrew, Helen Purinton	Morgantown	Grad., A. & S.
Pettrey, Given Luster	Clarksburg	Soph., A. B.
Pfalzgraf, Russell Alexander	Parkersburg	Fr., B. S. Phys. Ed.
Phares, Strader	Newburg	Grad., Ed.
Pharr, Telford Ruddell	Lumberport	Grad., Agr.
Phelps, Fred Griffith	Bluefield	1st Yr. Law
Phillips, Austin Augustus	Wheeling	Soph., A. B.
Phillips, Edward Milo	Pittsburgh, Pa.	2nd Yr. Med.
Phillips, Gail Gibson	Morgantown	Fr., A. B.
Phillips, Graeff	Republic, Pa.	Fr., A. B.
Phillips, James Searle	Mannington	Sen., A. B.
Phillips, John Davisson	Clarksburg	3rd Yr. Law
Phillips, John McKinley	Morgantown	Grad., A. & S.
Phillips, Nell May	Martinsburg	Summer School
Phillips, Robert Willard Wilson	Sistersville	1st Yr. Med.
Phillips, Virgil Frank	St. George	Fr., B. S. C. E.
Piampiano, Dominick	Brooklyn, N. Y.	1st Yr. Med.
Piampiano, John Joseph	Brooklyn, N. Y.	Fr., A. B.
Pickens, Byrd Lea	Buckhannon	Grad., A. & S.
Pickering, Willard Danforth	Ronceverte	Jun., B. S. C. E.
Pierson, James Robert	Gassaway	Fr., B. S. Ch. E.
Pietro, Frank James	Morgantown	Fr., A. B.
Pietro, George Henry	Morgantown	1st Yr. Phar.
Pietro, Helen Elizabeth	Morgantown	Fr., A. B.
Pike, Reginald	Morgantown	Soph., B. S. M. E.
Pike, Richard Dunkin	Morgantown	Sen., A. B.
Pinney, Hunter Le Phiew	Charleston	Grad., A. & S.
Pinnock, Elva	Morgantown	Summer School
Piper, Hazel Beryl	Morgantown	Sen., B. S. H. E.
Pipes, Byron Thomas	Cameron	Fr., A. B.
Pirhalla, John Joseph, Jr.	Duquesne, Pa.	Jun., B. S. Ed.
Pitsenberger, Ada Morris	Parkersburg	Grad., A. & S.
Pitsenberger, Isaac Irvin	Pool	Grad., Agr.
Pitsenberger, James Robert	Pool	Soph., B. S. Agr.
Pitzer, Dove Lillian	Fairview	Jun., B. S. Ed.
Pitzer, Gladys Estelle	Martinsburg	Sen., A. B.
Plaster, Lawrence Andrew	Charleston	Soph., B. S. E. E.

Plate, William Albert	Weston	1st Yr. Phar.
Plovanich, John Paul	Littleton	Soph., B. S. M. E.
Poe, Benjamin Lewis	Grafton	Soph., A. B.
Poe, Genevieve	Alum Bridge	Jun., A. B.
Poe, Jess Alfred	South Charleston	Grad., A. & S.
Pohl, Charles Matthew	Butler, Pa.	Sen., A. B.
Polan, Charles Gabriel	Charleston	Fr., A. B.
Polan, Herman Karl	Charleston	Jun., A. B.
Polan, Meyer	Charleston	Fr., A. B.
Poland, Brigid	Wheeling	Summer School
Poland, John Robert	Martinsburg	Soph., A. B.
Polen, Frederic Eugene	New Cumberland	Fr., A. B.
Poling, Eleanor Jones	Philippi	Grad., Ed.
Poling, Jessie Lee	Junior	Summer School
Poling, John Patton	Morgantown	Sen., B. S. C. E.
Poling, Mary Virginia	Morgantown	Summer School
Pollock, Agnes Lauder	Perryopolis, Pa.	Fr., A. B.
Porter, Dorothy Helen	Point Marion, Pa.	Music
Porter, John William	East Millsboro, Pa.	Jun., A. B.
Post, Carl Brandt	Clarksburg	Jun., A. B.
Post, Charles Lee	Clarksburg	Fr., B. S. E. E.
Post, Grace Clayton	Masontown	Music
Post, James W.	Gauley Bridge	Grad., A. & S.
Poulton, Clara E.	Wheeling	Summer School
Powell, Arel	Morgansville	Summer School
Powell, Eugene Joseph	Clarksburg	Soph., B. S. Agr.
Powell, Linda Irvin	Wheeling	Music
Powell, Rupert Wendell	Morgantown	1st Yr. Med.
Power, Andrew T.	Victor, N. Y.	Night Class
Power, Robert Stanley	Huntington	Fr., A. B.
Prager, Eugene M.	Wheeling	1st Yr. Law
Prather, Brenice	Goffs	Music
Pratt, Kenneth Danner	Charleston	Sen., B. S. M. E.
Preece, Dennis Hiram	Williamson	1st Yr. Med.
Preest, Evelyn Faye	Morgantown	Soph., A. B
Preiss, Alice Pauline	Grafton	Grad., Ed.
Preiss, Eva Marie	Homestead, Pa.	Sen., A. B.
Preston, Catharine Margaret	White Sulphur Springs	Sen., A. B.
Price, Blanche Elizabeth	Morgantown	Grad., Ed.
Price, Claude Merle	Smithfield	Fr., A. B.
Price, Elsie Fling	Morgantown	Music
Price, Emily Louise	New Cumberland	Sen., A. B.
Price, Fred Burke	Harpers Ferry	Grad., Agr.
Price, Ocea May	Morgantown	Music
Price, Vivian Swift	Morgantown	Jun., B. S. Ed.
Prichard, Arthur Cornwell	Mannington	Jun., A. B.
Prichard, Claude	Morgantown	Fr., A. B.
Pride, George William	Morgantown	Jun., B. S. E. E.
Pritchard, Watson Duty	Shinnston	Fr., A. B.
Pritts, George William	Morgantown	Soph., B. S. E. M.
Proctor, Sue	Ravenswood	Soph., A. B.
Propst, Beulah Lee	Philippi	Fr., A. B.
Protheroe, Gertrude	Morgantown	Spec., A. & S.
Protsman, Garnet Hester	Morgantown	Fr., A. B.
Proudfoot, Harold Barr	Grantsville	Sen., A. B.
Proudfoot, Thurl Waitman	Grantsville	Soph., A. B.
Provance, Elizabeth Jane	Point Marion, Pa.	Spec., Phys, Ed.
Prunty, Claude	Oxford	Jun., B. S. Ag.

Prunty, Esther Jane	Morgantown	Jun., B. S. Ed.
Prunty, Floyd O.	Pullman	Grad., A. & S.
Pryor, Louise	East Bank	Summer School
Puckett, Mattie Clifton	Elway, Va.	Summer School
Purinton, John Alden, Jr.	Morgantown	Summer School
Pyle, George Russell, Jr.	Morgantown	Fr., B. S. Ch. E.
Pyles, Helen Ruth	New Martinsville	Soph., A. B.
Queen, George A.	Man	Grad., A. & S.
Quenon, Clarence Anthony	Keystone	Fr., B. S. Ch. E.
Quenzel, Carrol Hunter	Morgantown	Sen., B. S. Ed.
Quigley, Elsie Brown	Martinsburg	Jun., A. B.
Quinones, Rafael Maldonado	Caguas, P. R.	2nd Yr. Med.
Rader, Gladys Herold	Summersville	Grad., A. & S.
Radivojevic, Sava Mathew	Everettville	Fr., A. B.
Raese, Richard	Davis	Soph., A. B.
Rafferty, Michael Alphonse	Weston	Spec., Phar.
Ragland, Ned Hutter	Beckley	Jun., A. B.
Raines, David Reed	Thomas	Sen., A. B.
Raines, Herbert Smith	Morgantown	2nd Yr. Med.
Ralston, Richard Harrison	Weston	Jun., A. B.
Ramsay, Charlotte Elizabeth	Follansbee	Sen., A. B.
Ramsey, Frank Burt	Mount Nebo	Summer School
Ramsey, Sylvia Sibyl	Leander	Soph., A. B.
Randolph, Byron Benedum	Clarksburg	3rd Yr. Law
Rannells, William Brady	Three Churches	Jun., B. S. M. E.
Rapp, Murrell Sine	Sistersville	Fr., B. S. Agr.
Ratcliffe, George Jack	Wheeling	Jun., B. S. Phys. Ed.
Rathbone, Agnes Carrie	Parkersburg	2nd Yr. Phar.
Raz, Gertrude Blanche	Canton, Ohio	Spec., Phys. Ed.
Rea, Henry Berlin	Morgantown	Fr., B. S. Ch. E.
Ream, Harold Edwin	Crellin, Md.	Sen., A. B.
Ream, Mary Eleanor	Morgantown	Sen., A. B.
Ream, Violet	Morgantown	Summer School
Reass, Julia Margaret	Wheeling	Soph., A. B.
Rector, Hazel	Shinnston	Sen., A. B.
Rector, Stella Floss	Anawalt	Jun., B. S. Ed.
Redfox, Mildred B.	Clarksburg	Jun., B. S. Ed.
Reed, Edith Hulin	West Union	Grad., Ed.
Reed, Edward	Parkersburg	Sen., A. B.
Reed, Elizabeth Frost	Morgantown	Grad., A. & S.
Reed, Ethel Virginia	Fairmont	Jun., A. B.
Reed, Gene Arden	Central Station	Summer School
Reed, Geraldine	Morgantown	Soph., A. B.
Reed, Harvey Gorman	West Union	Grad., Ed.
Reed, Hazel	Mannington	Grad., A. & S.
Reed, Henry duPont	Parkersburg	Spec., A. & S.
Reed, James Willis	Morgantown	Fr., B. S. C. E.
Reed, Lena Eleanor	Morgantown	Music
Reed, Lena Maude	Martinsburg	Grad., A. & S.
Reed, Luther McClellan	Precious	Soph., A. B.
Reed, Martha Frances	Morgantown	Summer School
Reed, Maude Virginia	Morgantown	Fr., A. B.
Reed, Philip Jefferys	Morgantown	1st Yr. Law
Reed, Rufus Pope	Morgantown	Soph., B. S. Agr.
Reeder, Anna Lillian	Morgantown	Jun., B. S. Ed.
Reeder, Jacob Harry	Morgantown	Sen., A. B.
Rees, Thomas George	Weirton	Soph., B. S. M. E.
Reiner, Ada Eleanor	Morgantown	Jun., B. S. Ed.

Reisinger, George Etter	Gap Mills	Grad., Ed.
Remage, Russell	Gassaway	Grad., Ed.
Renick, Effie Othella	Petersburg	Grad., A. & S.
Renner, Nell Lorraine	Hundred	Sen., A. B.
Repair, Richard Gerald	Parsons	Soph., B. S. Agr.
Reuther, Victor George	Wheeling	Fr., A. B.
Rexroad, Emory Richard	Exchange	Grad., A. & S.
Rexroad, Joseph Edward	Davis	Fr., B. S. Phys. Ed.
Reynolds, Alice McAdoo	Clarksburg	Sen., A. B.
Reynolds, Carroll Foster	Morgantown	Jun., B. S. Phys. Ed.
Reynolds, Cornelius Hilliary	Keyser	3rd Yr. Law
Reynolds, Dana Drummond	Morgantown	Jun., A. B.
Reynolds, Orlando Shay	Keyser	Grad., Ed.
Reyst, Klara	Morgantown	Spec., Phys. Ed.
Rhodes, Howard Amedee	Uniontown, Pa.	Jun., B. S. E.E.
Riblett, Earl Wendell	Barboursville	Grad., A. & S.
Rice, Charles Hamilton	Hundred	Soph., A. B.
Rich, Herman Anthony	Morgantown	Soph., A. B.
Rich, Louise Mary	Morgantown	Music
Richard, Clesta Arlena	Morgantown	Soph., A. B.
Richards, Margaret Dickey	Fairmont	Music
Richardson, Edward Wright	Havaco	Summer School
Richardson, Herbert Walter	Charleston	Fr., A. B.
Richardson, Hila Appleton	Morgantown	Spec., A. & S.
Richardson, Mildred Jane	Masontown	Summer School
Richey, Robert Maxwell	Wellsburg	Fr., A. B.
Richman, Earle Morgan	Hastings	Fr., A. B.
Richmond, Jean Elnora	Morgantown	Spec., A. & S.
Richner, Thomas Benjamin	Point Marion, Pa.	Fr., A. B.
Ricketts, William Boyd	Rockville Centre, N. Y.	Fr., A. B.
Riddel, Clyde Freedell	Grantsville	Jun., A. B.
Riddell, George William	Weston	1st Yr. Med.
Riddle, H. Glenn	Cairo	Fr., B. S. Agr.
Ridenour, Harold Richmond	Princeton	4th Yr. Phar.
Rider, Warren Howard	Morgantown	Music
Ridgeway, Elton Howard	Point Marion, Pa.	Soph., A. B.
Ridgeway, Ruth Rebecca	Ridgeway	Soph., A. B.
Ridgway, Jessie Lee	Barrackville	Summer School
Riffle, Harry B.	New Geneva, Pa.	Summer School
Riffle, Robert Dorsey	Sunlight	Jun., A. B.
Riggs, Elma Veldine	St. Marys	Fr., A. B.
Riggs, Mary Jane	Moundsville	Sen., A. B.
Riggs, Willis Noel	Grant Town	Fr., B. S. C. E.
Riley, Frederick Frazier	Philippi	Jun., A. B.
Riley, Genevieve	Wheeling	Summer School
Riley, Ulysses William	Glen Morrison	1st Yr. Law
Riley, Willis Roscoe	Reedsville	Soph., A. B.
Rilling, Greta Ingegard	Pursglove	Spec., A. & S.
Rinard, Dortha La Vaughn	Mount Savage, Md.	Soph., A. B.
Rinehart, Bernard Francis	Morgantown	Jun., B. S. E. M.
Rinehart, John Bowen	Weirton	Soph., A. B.
Rinehart, Karl Maxwell	Weirton	Fr., A. B.
Rinehart, Oliver N.	Parkersburg	Fr., B. S. M. E.
Rinehart, Robert Edmund	Weirton	Jun., A. B.
Rinehart, Willa Chenoweth	McMechen	Spec., Phar.
Ripley, Chesleigh Rosemond	Alma	Fr., B. S. Agr.
Ripley, Raymond G.	Alma	Summer School
Risher, George Raymond	Morgantown	Soph., B. S. Ch. E.

Risher, Helen Munson	Homestead, Pa.	Summer School
Risher, Ruby Elizabeth	Morgantown	Jun., A. B.
Rivera, Ida Maria	Thomas	Summer School
Robb, Belmont Francis	Morgantown	1st Yr. Law
Roberts, Darius	Morgantown	Fr., B. S. Ind. Ed.
Roberts, Edith Elizabeth	Morgantown	Music
Roberts, Elsie Marie	Monessen, Pa.	Grad., A. & S.
Roberts, Emily Winifred	Morgantown	Soph., A. B.
Roberts, Ernest Edward	Morgantown	Fr., A. B.
Roberts, George Constable	Chester	Jun., A. B.
Roberts, Jean Valjean	Glenville	Jun., B. S. Ed.
Roberts, Odgar Ray	Hundred	Summer School
Roberts, Roberta Reger	Morgantown	Summer School
Roberts, Ruth Jones	Glenville	Soph., A. B.
Roberts, Virginia Marjorie	Mannington	Jun., A. B.
Robertson, Lawrence Verne	Beckley	1st Yr. Law
Robertson, Mary B.	Clendenin	Fr., A. B.
Robertson, William James	Richwood	Jun., A. B.
Robey, Bess Louise	Grafton	Soph., A. B.
Robey, William Albert	Masontown	2nd Yr. Phar.
Robinson, Bruce Gerald	Smithfield, Pa.	Fr., B. S. Agr.
Robinson, Dennis Hardesty	Morgantown	1st Yr. Med.
Robinson, George H.	Greensburg, Pa.	Jun., A. B.
Robinson, Gladys Virginia	Cairo	Grad., A. & S.
Robinson, Harry Grayden	Philippi	Grad., Ed.
Robinson, Jessie Hunt	Morgantown	Spec., A. & S.
Robinson, Lynden Talbott	Confluence, Pa.	Fr., A. B.
Robinson, Margaret Lee	Morgantown	Fr., A. B.
Robinson, Myer	Wheeling	1st Yr. Law
Robinson, Reba Mae	Cairo	Fr., A. B.
Robinson, Robert Ross	Smithfield, Pa.	Jun., B. S. Agr.
Robinson, William Waldo	Grafton	Fr., A. B.
Robson, Frances Elizabeth	Brooklyn, N. Y.	Jun., B. S. Ed.
Roby, Virginia	Petersburg	Sen., B. S. H. E.
Rockhill, Edward Donley	Pittsburgh, Pa.	Fr., B. S. Agr.
Rodeheaver, Edna Leola	Morgantown	Music
Rodgers, Edward Galway	Clarksburg	Soph., B. S. M. E.
Roesch, Lydia	Morgantown	Spec., A. & S.
Rodriguez, Rafael y Buxo	Caguas, P. R.	1st Yr. Med.
Roeper, Mildred Rheuhanna	Vandergrift, Pa.	Jun., B. S. H. E.
Rogers, Albert Luke	Hedgesville	Grad., Ed.
Rogers, Berenice Wells	Hedgesville	Summer School
Rogers, Fred Strickler	Morgantown	Grad., Ed.
Rogers, Jean Leslie	Monongah	Jun., A. B.
Rogers, Mildred Genevieve	Morgantown	Music
Rogers, Nathaniel Howard	Keyser	Jun., A. B.
Rohrbough, Myrl G.	Weston	Soph., A. B.
Rohrbough, Ralph Virgil	Grafton	Jun., A. B.
Rokos, Marcalus Matthew	Wheeling	Grad., Ed.
Roles, Elizabeth	Beckley	Jun., B. S. Ed.
Roles, Forrest	Greenville	1st Yr. Law
Roles, Oscar	Morgantown	Fr., A. B.
Rollins, Cecil Glenn	Cornwallis	Grad., A. & S.
Rollins, Jennings Francis	Cornwallis	Sen., A. B.
Romig, Grove Van	Keyser	Sen., B. S. Ch. E.
Romino, Dominick Joseph	Fairmont	Fr., A. B.
Romino, Joseph Dominick	Fairmont	Jun., A. B.
Rose, Arthur Reid	Morgantown	1st Yr. Law

Rose, Charles Raymond	Morgantown	Fr., A. B.
Rose, Irving	Brooklyn, N. Y.	Fr., A. B.
Rose, Mildred Gail	Morgantown	Sen., A. B.
Rosen, Sara	Clarksburg	Sen., A. B.
Rosenberg, David	New York City, N. Y.	Soph., A. B.
Rosenfeld, Joseph Eugene	Morgantown	Sen., A. B.
Rosenik, William Sebastian	Morgantown	Sen., A. B.
Rosenthal, Joseph	Charleston	Fr., A. B.
Ross, Anna Virginia	Newport, Del.	Fr., A. B.
Ross, Ella Jane	Point Marion, Pa.	Fr., B. S. H. E.
Ross, John Charles	Follansbee	Fr., B. S. Phys. Ed.
Ross, Ralph Minor	Carmichaels, Pa.	Fr., B. S. Phys. Ed.
Ross, Willis Harold	Morgantown	Sen., B. S. E. E.
Rossell, Clayton Francis	Keyser	Jun., A. B.
Roth, Clarence Edward	Benwood	Grad., A. & S.
Roth, Elmer Rudolph	Benwood	Jun., A. B.
Rothey, Kenneth Brown	Lock No. 3, Pa.	1st Yr. Med.
Rothfuss, Guy Huffman	Herndon	2nd Yr. Med.
Rothlisberger, Floyd Frederick	New Martinsville	Grad., Agr.
Rothrock, Jack Whited	Charleston	Jun., B. S. C. E.
Rotunno, Carmen Augustine	Morgantown	Fr., A. B.
Rowan, Elizabeth Hall	Morgantown	Jun., B. S. Ed.
Rowland, Edward Thomas	Weirton	1st Yr. Med.
Roy, Dennis Marthan	Hubball	Fr., A. B.
Rubin, Arthur	New York City, N. Y.	Soph., A. B.
Rubin, Murray	New York, City, N. Y.	Jun., A. B.
Ruble, Cyril Fred	Morgantown	Jun., A. B.
Ruble, Dorothy Rose	Fairchance, Pa.	Summer School
Ruck, William Herbert	Clarksburg	Jun., A. B.
Rucker, Andrew Deforest	Lorado	Fr., B. S. C. E.
Rumble, Walter Jason	Point Marion, Pa.	Jun., B. S. Agr.
Runner, Mildred Sue	Morgantown	Sen., A. B.
Rush, Agnes Millar	Scottsville, N. Y.	Soph., B. S. H. E.
Rush, John Franklin	Clarksburg	Sen., A. B.
Rush, William Arthur	Morgantown	Summer School
Russell, Mark Hanley	Williamson	Soph., A. B.
Ruth, Robert Allen	Morgantown	Sen., A. B.
Rutroff, Julia J.	East Bank	Music
Ruziska, Norbert Joseph	Morgantown	Fr., A. B.
Ryan, Conley	Lenore	Grad., Ed.
Ryon, Virginia Lucille	Reedy	Fr., A. B.
Ryland, Robert Baird	Ligonier, Pa.	Jun., B. S. E. M.
Sabatini, Joseph Peter	Morgantown	Fr., B. S. Phys. Ed.
Sacher, Joseph Vernon	Wheeling	Sen., B. S. Ch. E.
Sack, Byron Francis	Cumberland, Md.	Sen., A. B.
Sala, Helen Alene	Beckley	Sen., A. B.
Sala, John Robert	Beckley	Grad., A. & S.
Salisbury, Emerson Wadsworth	Charleston	Fr., A. B.
Sammeck, Ella Bertha	Morgantown	Soph., A. B.
Samples, Virginia Claire	Grafton	Sen., B. S. Ed.
Samsell, Lena Phillips	Morgantown	Sen., A. B.
Samsell, Virginia Elsie	Morgantown	Soph., B. S. Phys. Ed.
Samson, Howard William	Morgantown	Fr., A. B.
Sander, Esther Cathryn	Pennsboro	Sen., A. B.
Sander, Harold Lamont	Wheeling	Summer School
Sanders, Sara Frances	Morgantown	Music
Sanders, William Albert	Morgantown	Fr., A. B.
Sandy, William Calvin	Fairmont	Fr., B. S. E. E.

Santos, y Reyes, Salvadora	New York City, N. Y.	Sen., A. B.
Sapp, Frances Fell	Morgantown	Grad., A. & S.
Satterfield, Evalyn Geraldine	Fairmont	Summer School
Saunders, Philip Arthur	Dunbar	Jun., B. S. M. E.
Saville, James Edward	Levels	Soph., B. S. Agr.
Sawyers, Frederick William	Hinton	*Fr., A. B.
Scanlon, Albert Clarence	Morgantown	Sen., A. B.
Scanlon, Carol Virginia	Morgantown	Soph., A. B.
Schaaf, Katherine Elizabeth	Elm Grove	Sen., B. S. H. E.
Schaeffer, Glenn Donovan	Kingwood	*1st Yr. Phar.
Schaeffer, Owen Sereno	Petersburg	1st Yr. Med.
Schafer, John Vernon	Morgantown	Fr., B. S. Ind. Ed.
Schafer, Mary Zoe	Morgantown	Spec., A. & S.
Schatz, Sidney Jay	Charleston	2nd Yr. Phar.
Schaub, John Thomas	Glendale	1st Yr Law
Schenck, Robert Crowley	Connellsville, Pa	Grad., A. & S.
Scherr, Eloise Virginia	Keyser	Jun., A. B.
Scheuer, Mary Catherine	Republic, Pa.	Soph., B. S. H. E.
Schiff, Herman Louis	Morgantown	*Fr., A. B.
Schiffler, Virginia Agnes	Wheeling	Soph., A. B.
Schiffman, Rudolph	New York City, N. Y.	Sen., A. B.
Schleusener, Antoinette Clara	White Sulphur Springs	Fr., A. B.
Schleuss, Elizabeth Christine	Martinsburg	Grad., Ed.
Schmeichel, Edward Danial	Wheeling	Fr., A. B.
Schnopp, Walter Clinton	Morgantown	Grad., Agr.
Schofield, Mortimer Sigmund	Brooklyn, N. Y.	Jun., A. B.
Scholz, Frances Elaine	Point Pleasant	Fr., A. B.
Scholz, Ruth Evelyn	Point Pleasant	Fr., A. B.
Schoolnic, Louis	Fairmont	Jun., A. B.
Schott, Ivy Hall	Morgantown	Spec., A. & S.
Schrader, Henry Stifel	Wheeling	Jun., A. B.
Schroll, Alfred Caldwell	Wheeling	1st. Yr. Law
Schultz, Gladys Margaret	Parkersburg	Soph., A. B.
Schupbach, Gladys Enid	St. Marys	Fr., A. B.
Schwartz, Gertrude Anne	Newark, N. J.	*Fr., A. B.
Schwartzwalder, Floyd Burdett	Huntington	Fr., B. S. Phys. Ed.
Schweitzer, Fred Thompson	Huntington	Fr., A. B.
Schweitzer, William Allen	Minden	Jun., B. S. E. E.
Sclove, Abraham Bernard	Charleston	1st Yr. Law
Scory, Beatrice Mae	Clarksburg	Music
Scott, Denny Fairfax	Terra Alta	Fr., A. B.
Scott, Elisabeth Cordelia	Morgantown	Jun., A. B.
Scott, James Karl	Terra Alta	1st Yr. Med.
Scott, Julian Stone	Fairmont	Jun., A. B.
Scott, Katherine	Salem	Sen., B. S. H. E.
Scott, Samuel Verne	Beckley	Jun., A. B.
Seabright, Harry C.	Wheeling	Summer School
Seabright, Jane Olin	Roneys Point	Sen., A. B.
Seader, Robert Edward	Carteret, N. J.	Fr., A. B.
Seaman, Patricia Mildred	Uniontown, Pa.	Jun., A. B.
Sebulsky, Jacob Larry	Wheeling	Soph., A. B.
Seibert, Carroll Edmund	Martinsburg	Fr., B. S. Agr.
Seibert, Charles Borum	Martinsburg	Sen., B. S. E. E.
Seidemann, Irving	New York City, N. Y.	Jun., A. B.
Selby, Edmund Keffer	Morgantown	Soph., A. B.
Selby, Louise Rogers	Morgantown	Spec., Phys. Ed.
Seligman, Leon	North Fork	Soph., A. B.
Selkirk, Betty Wilkins	Belle Vernon, Pa.	Sen., A. B.

Sellaro, Joseph Anthony	Star City	Fr., A. B.
Sellers, Robert Emory	Morgantown	Soph., A. B.
Sellers, Virginia Hampton	Morgantown	Sen., A. B.
Sergi, Charles Nathan	Mt. Hope	Soph., A. B.
Servais, Mary Magdalene	Wheeling	Music
Severin, Helen	Wheeling	Soph., A. B.
Shafer, Holly Miletus	Charleston	Grad., Ed.
Shafer, Jessie Everly	Independence	Soph., B. S. H. E.
Shafer, Lewis Starkey	Independence	Soph., B. S. Agr.
Shafer, Paul Noble	Tipple	Grad., Agr.
Shaffer, Dorothy Violet	Masontown	Sen., A. B.
Shaffer, Frances Martin	Morgantown	Fr., B. S. Phys. Ed.
Shaffer, James Harvey	West Milford	Grad., Agr.
Shaffer, Louis James	Mona	1st Yr. Phar.
Shaffer, Robert T.	Morgantown	Fr., A. B.
Shaffer, Walter Elmer	Morgantown	Night Class
Shaid, Evelyn Sue	Elkins	Grad., Ed.
Shallenberger, Laura Braun	Latrobe, Pa.	Summer School
Shanabarger, J. Lewis	Morgantown	Music
Shanholtzer, Edgar Gordon	Higginsville	Sen., A. B.
Shanholtzer, Karl Vennard	Higginsville	Sen., A. B.
Shanks, Hillis Gradon	Core	Jun., A. B.
Shannon, Mabel Claire	Charleston	*Fr., A. B.
Sharp, Dorothy Norris	Sistersville	Jun., A. B.
Sharp, Glenna Pearl	Morgantown	Fr., B. S. H. E.
Sharp, Helen Marie	Wheeling	Jun., A. B.
Sharp, Ward McClintic	Morgantown	Sen., A. B.
Sharpe, Ben R.	Morgantown	Fr., A. B.
Sharpe, George, Jr.	Morgantown	Grad., Agr.
Sharps, Helen Eythel	Lumberport	Jun., B. S. Ed.
Shaull, William Thomas	Martinsburg	Jun., B. S. Ed.
Shaw, Evelyn Virginia	Morgantown	Music
Shawver, Martha Madeira	Morgantown	Grad., Ed.
Shawver, William Raleigh	Nuttallburg	Sen., A. B.
Shearer, James Philip	Moorefield	Fr., B. S. E. E.
Shearer, Theo Beatrice	Morgantown	Jun., A. B.
Sheets, Elizabeth Carolyn	Hillsboro	Fr., A. B.
Sheets, Glenna Catherine	Hillsboro	Fr., A. B.
Sheets, Lucie Wood	Wellsburg	Grad., Ed.
Shelby, Eleanor Gertrude	Morgantown	Fr., B. S. H. E.
Shelby, Sarah	Morgantown	Spec., A. & S.
Shepherd, Harriett	Morgantown	Music
Shepherd, James Banks	Charleston	Soph., B. S. C. E.
Shepherd, Nelle Margaret	Morgantown	Soph., B. S. H. E.
Shepherd, Walton Smith, Jr.	Charleston	3rd Yr. Law
Sheppard, Russell Glen	Palestine	Sen., B. S. Agr.
Sheppard, Winifred Clive	Palestine	Fr., B. S. Agr.
Sherwood, Etta	Fairmont	Music
Shinn, Leo C.	Morgantown	Grad., A. & S.
Shipley, Douglas Burris	Martinsburg	Soph., A. B.
Shipman, Jack Kline	Maben	Soph., A. B.
Shipper, Mary Fravel	Martinsburg	Jun., A. B.
Shonk, Dorothy	Charleston	Soph., B. S. H. E.
Shore, Carleton Dorsey	Keyser	Jun., A. B.
Shore, Paul Wilbur	Keyser	Soph., A. B.
Shoup, Lydia Louise	Morgantown	Music
Showalter, Emmet M.	Morgantown	Jun., A. B.
Showalter, Karl William	Clarksburg	Sen., B. S. Ed.

Shriver, Elizabeth Lee	Morgantown	Sen., A. B.
Shriver, Margaret Reed	Morgantown	Sen., A. B.
Shriver, Mildred Mae	Morgantown	Sen., B. S. Ed.
Shriver, Mildred Pearl	Morgantown	Music
Shriver, Pearl Cobun	Morgantown	Music
Shriver, Willard Evert	Hedgesville	Jun., A. B.
Shrum, Madolyn Louise	Clarksburg	Fr., A. B.
Shuman, Chester Albert	Morgantown	*Fr., B. S. E. E.
Shumate, Ernest	Saulsville	Fr., B. S. Agr.
Shumate, Maynard Renson	Glen Ferris	Fr., B. S. Ch. E.
Shurtleff, Richard Edgar	Fairmont	Soph., A. B.
Shutts, Herman Arthur	Fairmont	Grad., Ed.
Sidell, Bruce Waldo	New Martinsville	Fr., B. S. E. E.
Siegel, Jack George	Newark, N. J.	Sen., A. B.
Siegel, Rosamond	Point Marion, Pa.	Summer School
Siers, Richard Scott	Clarksburg	1st Yr. Phar.
Sigwart, Harry Joseph	Morgantown	Grad., A. & S.
Silcott, Hilda Katherine	Newburg	Soph., A. B.
Silk, Alice Winifred	Sistersville	Fr., A. B.
Silk, Emanuel Isaac	New York City, N. Y.	Soph., A. B.
Simmons, Flora	Ravenswood	Summer School
Simmons, Harvey Jefferson, Jr.	Spencer	Sen., A. B.
Simmons, Margaret Belle	Mt. Salon, Va.	Jun., A. B.
Simmons, Ora Leonard	Ridgeley	2nd Yr. Law
Simmons, Orie Byrd	Brandywine	Fr., B. S. E. E.
Simmons, William Berlin	Paw Paw	Grad., Ed.
Simms, Phi ip R.	Charleston	1st Yr. Law
Simons, Sophia Josephine	New Cumberland	Soph., A. B.
Simonton, Elizabeth Hughes	Morgantown	1st Yr. Law
Simpson, Alvin Ross	Morgantown	Soph., B. S. E. E.
Simpson, James Lewis	Morgantown	Soph., B. S. E. E.
Simpson, John Nathan, Jr.	Morgantown	Jun., A. B.
Simpson, Mildred	Morgantown	Music
Simpson, Ruth Felicia	Morgantown	Fr., B. S. Phys. Ed.
Simpson, Stanley Hamilton	Morgantown	Spec., A. & S.
Sine, Annie Laurie	Blacksville	Summer School
Sine, Hazeltine Muriel	Blacksville	Summer School
Sipp, Joseph Cxapp, Jr.	Hutchinson	Jun., B. S. Ch. E.
Sirbaugh, Erma Virginia	Cumberland, Md.	Jun., A. B.
Sirbaugh, Hilda Oleta	Cumberland, Md.	Grad., A. & S.
Sisson, Elias Wetherholt	Porter, Ohio	Grad., A. & S.
Six, William Herbert	Farmington	Fr., B. S. Agr.
Skaff, Philip	Charleston	Soph., B. S. E. E.
Skaggs, Glen O.	Anstead	Summer School
Skerret y Nadal, Victor	Ponce, P. R.	1st Yr. Med.
Skidmore, Marjorie Virginia	Charleston	*Fr., A. B.
Slagle, Mabel Margaret	Meyersdale, Pa.	Jun., A. B.
Slaven, Alice Frances	Morgantown	Fr., A. B.
Slaven, Harold David	Morgantown	1st Yr. Law
Slavens, Marion D.	Jackson, Ohio	Summer School
Slawter, Harry	Bridgeport	Grad., A. & S.
Sleeth, Charles Robert	Morgantown	Fr., A. B.
Sleeth, Clark Kendall	Morgantown	Fr., A. B.
Sleeth, Hazel Fonda	Linn	Sen., B. S. H. E.
Slifer, Nora Oland	Martinsburg	Fr., A. B.
Slutsky, Moses	Charleston	Fr., A. B.
Smail, Mildred Gibson	Sutton	Summer School
Smail, William Carlyle	Sutton	1st Yr. Med.

Smallridge, David Clifton	Montgomery	Fr., A. B.
Smith, Anna	Richwood	Soph., A. B.
Smith, Arma Bing	Morgantown	Jun., A. B.
Smith, Charles Philip	Wheeling	Fr., A. B.
Smith, Clyde Arthur	Rainelle	Soph., A. B.
Smith, Dawn	Morgantown	Spec., A. & S.
Smith, Dorothy Flo	Morgantown	Fr., A. B.
Smith, Dorothy Jane	Morgantown	2nd Yr. Law
Smith, Edgar Anderson	Morgantown	1st Yr. Med.
Smith, Elizabeth Hammond West	Crewe, Va.	Soph., A. B.
Smith, Eloise Esther	Follansbee	Summer School
Smith, Elton Ray	Philippi	Jun., A. B.
Smith, Estella Miller	Morgantown	Spec., A. & S.
Smith, Eva Pauline	Lost Creek	Fr., B. S. H. E.
Smith, Festus William	West Union	Grad., A. & S.
Smith, George Emerson	Charleston	Fr., A. B.
Smith, Harry Anthony	Wheeling	Grad., Spec.
Smith, Hattie May	Flemington	Grad., A. & S.
Smith, Helen Kathleen	Parkersburg	Sen., B. S. H. E.
Smith, Helen Mc.	Morgantown	Soph., A. B.
Smith, Helen Susie	Point Pleasant	Sen., A. B.
Smith, Herman Huber	Brown	Grad., A. & S.
Smith, James Francis	Whitesville	*Fr., A. B.
Smith, Jessie Bell	Martinsburg	Soph., A. B.
Smith, Jill	Clarksburg	Jun., A. B.
Smith, Julius	Donora, Pa.	*Fr., A. B.
Smith, Kingsley Richard	Weston	Jun., A. B.
Smith, Levi Ernest	Morgantown	Spec., A. & S.
Smith, Louise	Morgantown	Soph., A. B.
Smith, Margery Shirley	Morgantown	Soph., A. B.
Smith, Marjorie Rebecca	Alderson	Summer School
Smith, Marie Courtney	Morgantown	Music
Smith, Mary Isabel	Eureka	Fr., B. S. H. E.
Smith, Mona Mildred	Morgantown	Grad., Ed.
Smith, Rachel Anita	Clarksburg	Sen., B. S. Ed.
Smith, Samuel Grover	Charleston	Fr., A. B.
Smith, Samuel James	Barnesville, Ohio	Soph., A. B.
Smith, Sara C.	Follansbee	Summer School
Smith, Theodore[1]	Switchback	Fr., B. S. E. M.
Smith, Tressa Virginia	Thomas	Summer School
Smith, Virginia	Morgantown	Fr., A. B.
Smith, Walter Lee	Elizabeth	Sen., A. B.
Smith, William Robert	Uniontown, Pa.	2nd Yr. Law
Smoot, Frank Litz	Bluefield	2nd Yr. Law
Smoot, George Witten	Bluefield	Soph., A. B.
Smoot, Kathryn	Bluefield	Sen., A. B.
Snaith, Charles Bailey	Weston	Soph., B. S. E. M.
Sneddon, James Calder, Jr.	Morgantown	Fr., A. B.
Snodgrass, Kenneth Leroy	Weirton	1st Yr. Law
Snodgrass, Verba Maude	Delta, Pa.	Summer School
Snyder, Arthur Gail	Pennsboro	Grad., Agr.
Snyder, Audrey Frances	Masontown	Soph., B. S. H. E.
Snyder, Beatrice Jane	Sabraton	Jun., B. S. H. E.
Snyder, Bertha Edith	Pine Grove	Summer School
Snyder, Henry Provance	Bruceton Mills	1st Yr. Law
Snyder, John Newcomer	Uledi, Pa.	Jun., A. B.

[1] Drowned, Apr. 13th 1930

Snyder, Lester William	Walton	Jun., B. S. Agr.
Snyder, Marvin Howard	Walton	Jun., B. S. Agr.
Snyder, Nancy Lee	Elm Grove	Jun., A. B.
Snyder, Philip Melanchton	Mt. Hope	Fr., B. S. E. M.
Snyder, Vera May	Pine Grove	Fr., A. B.
Snyder, Walter Franklin	Walton	Soph., A. B.
Solenberger, Charles Frederick	Martinsburg	Sen., B. S. Ch. E.
Solenberger, Thomas Metz	Martinsburg	Fr., B. S. Agr.
Sobolak, Julius William	Weirton	Soph., A. B.
Solis-Sariego, Manuel Anthony	Caguas, P. R.	Summer School
Solof, Richard G.	Charleston	3rd Yr. Law
Sommerville, Howard Hoy	Shepherdstown	Grad., Agr.
Sonderman, William Ronald	Wheeling	Soph., A. B.
Sortet, Wilbur John	Huntington	*Fr., B. S. Phys. Ed.
South, Ada Kirkland	Mapletown, Pa.	Soph., A. B.
South, Frances Kay	Morgantown	Sen., A. B.
South, Gertrude Margaret	Morgantown	Soph., A. B.
South, John Lawrence	Morgantown	Fr., A. B.
South, Mary M.	Greensboro, Pa.	Jun., A. B.
Southern, John Cornelius	Clarksburg	Soph., A. B.
Spangler, Helen Virginia	Morgantown	Soph., A. B.
Spangler, Okey B.	Wilcoe	Soph., B. S. E. E.
Spaur, Klayde Beatrice	Grafton	Grad., Ed.
Speck, Alston Wesley	Martinsburg	Sen., B. S. Ed.
Speicher, Benjamin Irvan	Morgantown	Soph., A. B.
Speicher, John Ward	Morgantown	*Fr., A. B.
Speicher, Kathryn Ada	Accident, Md.	Jun., A. B.
Speicher, Kathryn Lavinia	Terra Alta	Summer School
Speicher, Norman Kenneth	Morgantown	Jun., B. S. Agr.
Speiden, Edgar French	Bluefield	Jun., B. S. C. E.
Speiser, Oscar Joseph	Wheeling	Fr., B. S. E. E.
Spence, James Nicholson	Morgantown	*Fr., A. B.
Spencer, Esther La Rue	Kingwood	Summer School
Sperandeo, John Joseph	Brooklyn, N. Y.	*Fr., A. B.
Sperow, Fred Trump	Martinsburg	Fr., B. S. Agr.
Sperry, Jane	Sistersville	Sen., B. S. Ed.
Sperry, Margaret Eleanor	Clarksburg	Spec., A. & S.
Spiggle, Nina Frances	Aurora	Fr., B. S. H. E.
Spindler, Garold Ralph	Kingwood	Soph., B. S. E. M.
Spiro, Jerome	Clarksburg	1st Yr. Phar.
Spoerlein, Harley Hobart	Accident, Md.	Summer School
Spradling, James William	Morgantown	Jun., B. S. M. E.
Sprigg, Morgan Lee, Jr.	Holly	Soph., B. S. E. E.
Sprigg, Sarah Elizabeth	Holly	Soph., A. B.
Springer, Albert Gail	Keyser	Grad., Ed.
Springer, Helen Elizabeth	Sistersville	Fr., B. S. Phys. Ed.
Sprouse, Earle Montague	Morgantown	Fr., B. S. Phys. Ed.
Squibb, Russel Dalzell	Wheeling	Sen., B. S. E. M.
St. Clair, Harry Alonzo	Morgantown	Night Class
Staats, Elizabeth	Charleston	Soph., A. B.
Staats, Harold Ashten	Ripley	Grad., Ed.
Stahl, Frances Weber	Stotesbury	Jun., B. S. Ed.
Staley, Hammond T.	Shepherdstown	Summer School
Stalnaker, Cecil Martin	Logan	Grad., Ed.
Stalnaker, Harold B.	Elkins	Summer School
Stalnaker, Jesse Lynn	Bulltown	Soph., B. S. M. E.
Stalnaker, Mary Margaret	Parsons	Jun., B. S. Ed.
Stalnaker, Mildred	Philippi	Sen., B. S. H. E.

Stalnaker, Wade Odis	Quinwood	Grad., Ed.
Stamler, Nelson Frank	Elizabeth, N. J.	Soph., A. B.
Stanard, Virginia Beverley	Weston	Jun., A. B.
Stanley, John Robert	Fairmont	Summer School
Starcher, Harold E.	Logan	Grad., A. & S.
Stark, Lewis Glenn	Petersburg	Grad., Agr.
Starke, Bettie Kurtz	Charleston	Sen., B. S. Ed.
Stathers, George Dauphinee	Morgantown	Soph., A. B.
Staub, William Shaffer	Romney	Soph., B. S. C. E.
Stealey, Florence Louise	Clarksburg	Sen., A. B.
Stealey, Harriett Elizabeth	Clarksburg	Fr., A. B.
Stealey, Julian Dorr	Parkersburg	Soph., A. B.
Stealey, Robert Evans	Parkersburg	2nd Yr. Law
Steele, Jesse Ira	Morgantown	Sen., B. S. E. E.
Steele, Martha Pauline	Gilmer	Jun., A. B.
Steely, Martin Luther	Cumberland, Md.	Sen., B. S. Ch. E.
Steenbergen, Peter Higgins, Jr.	Point Pleasant	Soph., B. S. E. E.
Steenburgh, Elmer Walter	Benwood	Soph., B. S. Agr.
Steffler, Mitchell Lewis	Monongahela City, Pa.	Fr., A. B.
Steger, Mary Elizabeth	Wheeling	Soph., A. B.
Stein, Nat	Newark, N. J.	Soph., A. B.
Steinbicker, Katherine Anna	Wheeling	Fr., B. S. Phys. Ed.
Steinbicker, Paul Frederick	Wheeling	Grad., Ed.
Stemple, Anna Kathryn	Aurora	Jun., B. S. Ed.
Stemple, Godfrey Anderson	Aurora	Jun., B. S. E. E.
Stemple, Martha Beatrice	Amboy	Soph., B. S. H. E.
Stemple, Merle Rose	Bretz	Sen., A. B.
Stephan, James Otto	Parkersburg	Fr., A. B.
Stephens, Mathilda Aldridge	Martinsburg	Sen., A. B.
Stephenson, Willa Leona	Weston	Jun., A. B.
Sterbutcel, Rosalie	Wheeling	Jun., B. S. Ed.
Sterling, Bruce Asa	Dilliner, Pa.	Music
Sterling, William Holland	Masontown, Pa.	Jun., B. S. M. E.
Stevenson, Charles Fenton	Parkersburg	Music
Stevenson, Mary Frances	Mapletown, Pa.	Summer School
Stewart, Alice Hester	Frame	1st Yr. Med.
Stewart, Byron Eddy	Morgantown	Sen., A. B.
Stewart, Charles Fred	Morgantown	Jun., B. S. E. E.
Stewart, Charles Verna	Rockview	Sen., B. S. Ed.
Stewart, Dwight L.	Bluefield	Grad., Ed.
Stewart, Holmes R.	Chico, Cal.	Grad., Ed.
Stewart, John William	Martinsburg	Soph., B. S. Agr.
Stewart, Joseph K.	Huntington	Grad., A. & S.
Stewart, Marvin Terrill	Morgantown	Soph., B. S. E. E.
Stewart, Melville	Morgantown	2nd Yr. Law
Stewart, Mildred Beulah	Frame	Soph., B. S. Phys. Ed.
Stewart, Roy Glen	West Union	Fr., A. B.
Stewart, Theresa Beavers	War	Summer School
Stewart, Virgil Harvey	Pineville	Jun., B. S. Ed.
Stickler, Lionel Cecil	Lawton	Jun., B. S. C. E.
Stidger, Howe Carney	Morgantown	Soph., A. B.
Stine, Emmett	New Martinsville	Grad., Ed.
Stockdale, Charles Ellsworth	Morgantown	Grad., Agr.
Stone, Eleanor Jane	Morgantown	Jun., A. B.
Stone, Kenneth Marshall	Reedsville	Jun., B. S. Agr.
Stone, Tom Seeley	Clarksburg	Fr., A. B.
Stone, Ward Day	Morgantown	1st Yr. Law
Stonestreet, Blanche	Morgantown	Spec., A. & S.

Stonestreet, Ouida	Morgantown	Jun., A. B.
Storck, Edward Daniel	Wellsburg	Soph., A. B.
Stork, Alfred Robert	Charleston	Fr., A. B.
Stout, Thurman Allen	Clarksburg	Sen., B. S. C. E.
Stover, Virginia Pearl	Grafton	Jun., B. S. Ed.
Stowers, Aubrey Caperton	Besoco	Grad., Ed.
Straight, Gaynelle Zelma	Rivesville	Jun., A. B.
Straight, Herschel Byran	Fairview	Grad., Agr.
Straight, Joseph J.	Rivesville	Grad., Agr.
Strain, Gordon Wiley	Sistersville	Fr., A. B.
Straley, Hazel Juanita	Morgantown	Soph., A. B.
Straley, Margaret	Ripley	Soph., A. B.
Strawn, Lucien Martin	Morgantown	Music
Strickland, Leonard Newman	Strange Creek	1st Yr. Med.
Strickler, Wilbur Goodwin	Jefferson, Pa.	Soph., B. S. C. E.
Strickling, Paul	West Union	Sen., B. S. Ed.
Strobel, George Elwood	Cameron	2nd Yr. Med.
Strosnider, Alice L.	Smithfield, Pa.	Summer School
Strosnider, John Crum	Williamson	4th Yr. Phar.
Strother, Paul	Clarksburg	Fr., A. B.
Strouss, Adella Elizabeth	Morgantown	Summer School
Stuart, Agnes Catherine	Morgantown	Sen., A. B.
Stuart, Daniel Sumner, Jr.	Morgantown	Fr., A. B.
Stumpp, Edward Charles	Wheeling	Soph., A. B.
Stunkard, Harry Hurst	Avella, Pa.	Soph., B. S. E. E.
Sturbois, Louis	Clarksburg	Grad., A. & S.
Sturgis, Pearl Gladys	Masontown	Fr., A. B.
Sturgiss, Marie Helen	Morgantown	Jun., A. B.
Sturm, Mary Lavada	Fairview	Sen., A. B.
Stutzman, Ernest	Shepherdstown	Grad., Ed.
Suck, Eloise	Salem	Grad., A. & S.
Suder, Hulda Bird	Meyersdale, Pa.	Sen., A. B.
Sullivan, Mary Elizabeth	Morgantown	Spec., A. & S.
Summerfield, Ellison St. Clair	Fayetteville	Soph., A. B.
Sumner, Georgia Loulene	Masontown	Soph., B. S. H. E.
Suppa, Murray	Four States	Jun., B. S. E. E.
Sutton, David Van Dorn	Clarksburg	Fr., A. B.
Sutton, Harry Lawrence	Newark, N. J.	Sen., A. B.
Sutton, Joseph Bartlett	Bridgeport	Soph., B. S. Ch. E.
Sutton, Mary Louise	Gassaway	Jun., A B.
Sutton, Morris Glauber	Wheeling	Soph., A. B.
Sutton, Sylvia	Gassaway	Music
Sutton, William Howard	Uniontown, Pa.	Sen., B. S. E. E.
Swan, John Raymond	Birds Run, Ohio	1st Yr. Med.
Swearingen, Helen Margaret	Morgantown	F ., B. S. Phys. Ed
Swearingen, Marion Gertrude	Morgantown	Summer School
Swick, Loya Benson	Morgantown	Fr., A. B.
Swiger, Dorothy	Morgantown	Music
Swindler, Harold Thornton	Morgantown	Soph., A. B.
Swing, Anna Theresa	Rainelle	Jun., A. B.
Swing, Leonard Carl	Rainelle	Jun., B. S. Ch. E.
Swinler, Allan Eugene	Clarksburg	Grad., A. & S.
Swinler, Carroll James	Clarksburg	Fr., A. B.
Swint, Angela	Pickens	Soph., A. B
Swisher, Frank Arnet	New Creek	Jun., A. B.
Swisher, Louis Bush	Weston	Grad., Agr.
Swisher, Marjorie Glenna	Bucklannon	Soph., B. S. H E
Swisher, Mary Josephine	Morgantown	Jun., A. B.

Swope, Paul William	Athens	Sen., A. B.
Sybert, Paul Willard	Mannington	Fr., B. S. M. E.
Sydnor, Charles William, Jr.	Wheeling	Soph., A. B.
Sylvester, Walter Charles	Clarksburg	Soph., B. S. Ch. E.
Sypolt, William Theodore	Albright	Jun., A. B.
Szanger, Harry	Newark, N. J.	2nd Yr. Law
Tabler, Esther Virginia	North Mountain	Summer School
Taggart, Roy Monroe	Morgantown	Jun., B. S. M. E.
Talt, Mary	Morgantown	Jun., A. B.
Talbott, John Ralph	Fairmont	Sen., A. B.
Talbott, Ralph Edward	Philippi	2nd Yr. Med.
Tal'man, Lucille	Elkins	Summer School
Tawes, William Isaac	Claymont, Del.	Summer School
Taylor, Alexander Clinton	Parkersburg	Grad., A. & S.
Taylor, Carolyn Kate	Lexington, Ky.	Sen., A. B.
Taylor, Charles Trueheart	Huntington	Sen., A. B.
Taylor, David Clarence	Petersburg	Fr., B. S. Agr.
Taylor, Dorothy Alice	Masontown	Fr., A. B.
Taylor, Edward Lee	Charleston	Soph., A. B.
Taylor, Elizabeth Redman	Morgantown	Soph., A. B.
Taylor, Isaiah Ewen	Huntington	Fr., A. B.
Taylor, John Martin	Masontown	Night Class
Taylor, Lawrence Titchnel	Chester	Fr., A. B.
Teagarden, John Lee	Glover Gap	Soph., A. B.
Teagarden, Oressa Ellen	Hundred	Soph., A. B.
Tebay, Harry Talbott	Parkersburg	Fr., B. S. Agr.
Tebay, Kent	Parkersburg	Sen., A. B.
Tennant, Leland Chesney	Morgantown	Fr., A. B.
Teter, Sarah Kathryn	Bridgeport	Summer School
Thacker, Delphin Edgar	Buckhannon	Fr., B. S. Phys. Ed.
Thacker Elouise Virginia	Franklin	Jun , B. S. Ed.
Thacker, Lillian Maxine	Buckhannon	Grad., A. & S.
Thalimer, Richard Mayhew	Clarksburg	Soph., B. S. C. E.
Thayer, Marguerite	Grafton	Summer School
Thayer, Melvin C.	New Cumberland	Summer School
Thomas, Beaumont	Follansbee	Fr., A. B.
Thomas, Charles Danser	Weston	Sen., A. B.
Thomas, Dennis Donald	Clendenin	Sen., A. B.
Thomas, Doris Ann	Newlyn	Fr., A. B.
Thomas, Edith May	Wheeling	Sen., A. B.
Thomas, Elmo Ivan	St. Albans	Fr., A. B.
Thomas, Mary Louise	Grafton	Sen., B. S. Ed.
Thomas, Pearl	West Union	Jun., B. S. H. E.
Thomasson, Elizabeth Isabelle	Hinton	Jun., A. B.
Thompson, Billie Jefferson	Bellepoint	Fr., B. S. C. E.
Thompson, Carol Lee	Morgantown	Night Class
Thompson, Cathryn Elizabeth	Clarksburg	Jun., A. B.
Thompson, Elizabeth Hogue	Greensboro, Pa.	Fr., A. B.
Thompson, John Dale	Morgantown	Sen., B. S. M. E.
Thompson, Lottie M.	Morgantown	Grad., A. & S.
Thompson, Patrick John	Morgantown	Fr., B. S. E. E.
Thompson, Suella	Clarksburg	Sen., B. S. H. E.
Thompson, Willia	Mount Hope	Grad., A. & S.
Thomson, Harold Hunter	Sistersville	Fr., A. B.
Thorn, Ralph Benson	Morgantown	Fr., A. B.
Thornbury, Frances Virginia	Man	Jun., A. B.
Thornbury, James Harvey	Man	Fr., A. B.
Thornhill, William Albert, Jr.	Charleston	1st Yr Med.

Thorniley, Ruth Irwin	Morgantown	Fr., B. S. H. E.
Thorniley, Sarah Elizabeth	Morgantown	Soph., B. S. H. E.
Thrall, Clifford Whitman	Wheeling	Jun., B. S E. E.
Thurber, Ethel Milroy	Wheeling	Summer School
Tibbs, Edna Humphreys	Morgantown	Summer School
Tibbs, Richard Bailey	Morgantown	Soph., A. B.
Tibbs, Robert Boze	Morgantown	Fr., A. B.
Tibbs, Ruth	Morgantown	Soph., A. B.
Tierney, Kaden	Clarksburg	Fr., A. B.
Tiggelbeck, Robert Henry	Wheeling	Sen., B. S. Ind. Ed.
Tillis, Garnette Marie	Arbuckle	Summer School
Tilton, Victor Virgil	Charleston	Fr., A. B.
Timblin, Charles Lee	Wheeling	Soph., B. S. C. E.
Timmons, Daisy Ella	Wheeling	Grad., Ed.
Tissue, Raymond Edward	Mount Hope	Sen., A. B.
Titus, Kenneth F.	Bethany	Summer School
Titus, Laura Mae	Morgantown	Night Class
Toler, Lyman	Mullens	2nd Yr. Law
Tolley, Norman Rudolph	Lost Creek	Grad., Ed.
Tomblyn, Ethel Amensia	Flemington	Summer School
Tomlinson, Iva Belle	Grafton	Sen., A. B.
Toury, Charles Edward	Martinsburg	1st Yr. Law
Topper, John Abram	Hyndman, Pa.	Fr., A. B.
Torres, Walter	Morgantown	Sen., B. S. C. E.
Towler, John Leslie	Springton	Soph., A. B.
Traubert, Anna Elizabeth	Wellsburg	Spec., Phys. Ed.
Traugh, Harry Eugene	Morgantown	Sen., B. S. C. E.
Travis, Ella Marjorie	Point Marion, Pa.	Jun., A. B.
Trax, David Lewis	Warren, Pa.	1st Yr. Med.
Traynor, Phyllis Elizabeth	Cumberland, Md.	Fr., B. S. H. E.
Trelogan, Harry Chester	McKeesport, Pa.	Jun., B. S. Agr.
Trenary, Kathrine Virginia	Martinsburg	Fr., A. B.
Trickett, Doris	Independence	Jun., B. S. Ed.
Trickett, Lucie	Morgantown	Summer School
Trickett, Maxine	Gladesville	Fr., A. B.
Tricce, Ellen	Wheeling	Summer School
Triplett, Neva	Belington	Summer School
Tropf, Anna Mary	Morgantown	Jun., A. B.
Trotter, Alice Davis	Morgantown	Spec., Phys. Ed.
Trotter, Jessie	Aurora	Summer School
Tsorvas, George	Pittsburgh, Pa.	Fr., B. S. Ch. E.
Tucker, Earle Cranston	Morgantown	Jun., A. B.
Tucker, Helen Elizabeth	Morgantown	Soph., B. S. H. E.
Tucker, Mason E.	Bridgeport	Fr., B. S. Agr.
Turner, Ruth Elizabeth	Grafton	Sen., B. S. Ed.
Tyler, John Wesley	Wheeling	Soph., A. B.
Tyre, Lila Mae	Morgantown	Grad., Ed.
Ullum, Elmont Watkins	Glen Ferris	Sen., B. S. Ch. E.
Ulrich, Howard Julian	Wheeling	1st Yr. Law
Umbel, Oma Lucretia	Morgantown	Soph., B. S. H. E.
Umstead, Thistle Elizabeth	New Martinsville	Sen., B. S. Ed.
Underwood, Ann Jane	Fairview	Summer School
Underwood, Grace	Fairview	Summer School
Unger, William Harold	Morgantown	Jun., B. S. E. E.
Unger, William Mitchell	Charleston	Jun., B. S. C. E
Upton, Arthur Von Gorder	Clarksburg	Grad., Ed.
Vacheresse, Edward	Wheeling	1st Yr. Med.
Vaiano, Phillip Ralph	Brooklyn, N. Y.	Fr., B. S. C. E

Valliant, Katherine Bartlett	Charleston	Summer School
Vance, Marion Brooking	Iaeger	Jun., A. B.
Van Horn, Karl Lane	Morgantown	1st Yr. Med.
Vannoy, Paul Marion	Morgantown	Soph., B. S. Ch. E.
Van Landingham, Audrey Howard	Cairo	Grad., Agr.
Van Metre, Ernest Cline	Shepherdstown	Sen., A. B.
Van Sickle, Mabel Peters	Morgantown	Jun., B. S. Ed.
Van Voorhis, Joseph Townsend	Morgantown	Sen., B. S. M. E.
Van Zandt, Cora Vivian	Point Marion, Pa.	Soph., B. S. Phys. Ed.
Van Zandt, Mildred	Point Marion, Pa.	Grad., A. & S.
Varner, Joe	St. Marys	Fr., B. S. Agr
Varner, Mildred Jennie	Clarksburg	Soph., A. B.
Varney, Louis Bee	Williamson	Soph., A. B.
Vaughan, Lloyd Peck	Hillsboro	Fr., A. B.
Veach, Otto Thornton	Lahmansville	Soph., A. B.
Vermillion, James Stephen	Welch	2nd Yr. Med.
Vest, Marvin Lewis	Elkins	Grad., Ed.
Via, Robert Everette	White Sulphur Springs	Grad., Agr.
Vieweg, George Louis	Wheeling	Summer School
Viggiano, Michael Anthony	Yonkers, New York	Soph., A. B.
Vincent, Gladys Randolph	Pennsboro	Grad., Ed.
Vincent, Joseph Leland	Pennsboro	Grad., Ed.
Vincent, Opal Gertrude	Cairo	Grad., Ed.
Vineyard, Glynn Chleon	Looneyville	Soph., A. B.
Virgin, Thelma Marguerite	Wellsburg	Jun., A. B.
Virgin, Thomas Emerson	Hundred	Soph., A. B.
Vivas, Jose Roberto	Orocovis, P. R.	Soph., A. B.
Vodopivec, Frank	Kitzmiller, Md.	Soph., A. B.
Vodrey, Robert Edwin	East Liverpool, Ohio	Soph., B. S. Ch. E.
Volk, Bessie Mildred	Cumberland, Md.	Grad., A. & S.
Waddell, John R.	Philippi	Sen., A. B.
Waddell, Nina Lee	Philippi	Soph., A. B.
Waddell, Richard Lee	Philippi	Soph., A. B.
Wade, Bessie Beatty	Morgantown	Grad., Phys. Ed.
Wade, Georgia Chorpening	Morgantown	Grad., A. & S.
Wade, Jean Spencer	Morgantown	Music
Wade, Mary Elizabeth	Morgantown	Soph., B. S. H. E.
Wade, Rebecca Estra	Morgantown	Grad., A. & S.
Waggoner, Sarah Burline	Morgantown	Fr., B. S. H. E.
Waggoner, Vental Forest	Harrisville	Soph., A. B.
Waggoner, William Gaskell	Morgantown	Soph., B. S. C. E.
Wagle, Alice	Vandergrift, Pa.	Grad., Phys. Ed.
Wagner, Cecil H.	McWhorter	Summer School
Wagner, Esther Fritch	Morgantown	Spec., A. & S.
Wagner, Gladys Mary	Wheeling	Soph., A. B.
Walker, Arthur Elverton	Summersville	Fr., A. B.
Walker, Clarence Eugene	Garrett, Pa.	Sen., A. B.
Walker, Clyde Le Gage	Fortress Monroe, Va.	Grad., E. E.
Walker, J. O.	Helen	*Fr., A. B.
Walker, Oswald James	MacDonald	Soph., A. B.
Walker, Raymond William	Morgantown	Sen., B. S. Ch. E
Walker, Robert Edward	Huntington	Soph., A. B.
Walker, Walter Hamilton	Oak Hill	Grad., A. & S.
Wallace, Helen Virginia	West Union	Jun., A. B.
Wallace, John B.	Morgantown	Soph., A. B.
Wallace, Joseph Edgar	West Union	Fr., B. S. E. E.
Wallace, Marjorie	Morgantown	Music
Walls, Ruth Mae	Shinnston	Fr., A. B.

Walter, Mary Virginia	Morgantown	Fr., A. B.
Walter, Rena Elizabeth	Wheeling	Jun., A. B.
Walter, Robert Daniel	Wheeling	1st Yr. Med.
Walters, Elmer Kay	Worthington	Jun., A. B.
Walters, Elza Gale	Clarksburg	Soph., B. S. E. E.
Wamsley, Arno Ezekiel	Morgantown	Fr., B. S. Phys. Ed.
Wanless, Clovery Byron	Elkins	Soph., A. B.
Ward, Carlos Dean	Morgantown	Summmer School
Ward, Cecil Elizabeth	Bluefield	Jun., A. B.
Ward, Dorothy Alice	Charleston	Music
Ward, Gladys Twyla	Charleston	Grad., Ed.
Ward, Hazel Palestine	Berea	Soph., B. S. H. E.
Ward, Le Moyne, Jr.	Bickmore	Fr., A. B.
Ward, Nelson Orion	Shadyside, Ohio	Summer School
Ward, Pearl	Spencer	Soph., B. S. H. E.
Warder, Francis Patrick	Grafton	2nd Yr. Law
Warder, Richard Currey	Pennsboro	Jun., B. S. E. E.
Ware, Clarence Marvin	Belington	Fr., A. B.
Waring, Claude Lamont	Keyser	Sen., B. S. Ed.
Warman, Simon Clemmer	Morgantown	Jun., A. B.
Warman, William Clay	Morgantown	Sen., B. S. E. E.
Warner, Birk	Clarksburg	Sen., A. B.
Warner, Elizabeth E.	Clarksburg	Jun., B. S. Ed.
Warnick, Thelma Corinne	Morgantown	Summer School
Warnick, Vianna Ruth	Morgantown	Music
Warrick, Richard Allison	Morgantown	Music
Waters, Melba Jean	Morgantown	Sen., B. S. Ed.
Watkins, Alfred Hale	Grafton	Soph., A. B.
Watkins, Charles Eugene	Grafton	Jun., A. B.
Watkins, Herbert Vernon	New Martinsville	Fr., B. S. Agr.
Watkins, Harvanna Lee	Morgantown	*Fr., A. B.
Watson, Frank Edward	Gary	Jun., B. S. E. E.
Watson, Glenn Sanford	Masontown	Sen., B. S. Ch. E.
Watson, Josephine Barrett	Morgantown	Sen., B. S. Ed.
Watson, Kenneth Stanley	Dilliner, Pa.	Fr., B. S. Ch. E.
Watson, Margaret	Wellsburg	Summer School
Waxman, Morton Stuart	Brooklyn, N. Y.	Jun., A. B.
Watson, Paul William	Tunnelton	Grad., Ed.
Watson, Susannah	Mapletown, Pa.	Grad., A. & S.
Waugh, Bertha	Grafton	Grad., Ed.
Waugh, Gladys	Logan	Grad., Ed.
Way, Durbin Helling	Wheeling	Soph., B. S. Ch. E.
Wayman, Walter Harold	Wheeling	Grad., Agr.
Weakley, Charles Edward, Jr.	Morgantown	Grad., A. & S.
Weaver, Martha Jane	Morgantown	Music
Weaver, Philip Bennett	Fairmont	Soph., B. S. Phys. Ed.
Webb, Henderson Oscar, Jr.	Ansted	Jun., B. S. E. E.
Webb, Robert Miller	Sistersville	Fr., B. S. Ch. E.
Weekley, Elizabeth Lois	Philippi	Sen., A. B.
Weekley, Marie	Clarksburg	Summer School
Weidner, Elizabeth Eleanor	Lumberport	Jun., A. B.
Weightman, Mary Ellen	Shinnston	Soph., A. B.
Weimer, Frederick George	Wheeling	Sen., A. B.
Weimer, Maude	Davis	Music
Weiner, Sigmund Ellwood	Brooklyn, N. Y.	Jun., A. B.
Weisberg, Charles	Brooklyn, N. Y.	Soph., A. B.
Weisman, Ruth	Donora, Pa.	Fr., A. B.
Weisman ,Stephen	New Brunswick, N. J	Soph., A. B.

Weissenburger, Jason	Point Pleasant	Soph., A. B.
Welch, George Barkley	Wheeling	Fr., A. B.
Welch, Harry Francis	Morgantown	Soph., B. S. C. E.
Welch, Ralph Wick	Harrisville	Soph., B. S. Agr.
Welch, William Arthur	Grafton	Grad., A. & S.
Wells, Frieda	Bethany	Jun., B. S. Ed.
Wells, Lenore Freeda	Youngstown, Ohio	Sen., A. B.
Wells, Margaret Elizabeth	Weston	Sen., A. B.
Welsh, Elmer Edward	Uniontown, Pa.	Soph., A. B.
Welshans, Lewis Taxter	Shepherdstown	Jun., A. B.
Welshonce, Katharine Elizabeth	Keyser	Sen., B. S. Ed.
West, Agnes Thornberry	Morgantown	Grad., A. & S.
West, Fenton Tyree	Huntington	Grad., Ed.
West, Grace Patterson	Huntington	Jun., A. B.
West, James Anderson	Charleston	Jun., A. B.
West, Mary Elizabeth	Morgantown	Spec., Phys. Ed.
Westermann, Charles F.	McMechen	Fr., B. S. E. E.
Westfall, Oshel Perry	Spencer	Grad., Agr.
Westwood, Felix Edward	Wheeling	1st Yr. Law
Wever, Elizabeth S.	Martinsburg	Grad., A. & S.
Wever, George Lowry, Jr	Martinsburg	Fr , A. B.
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Whetsell, Virginia Elliott	Kingwood	Sen., A. B.
Whisler, Ruth Allen	Clarksburg	Fr., A. B.
White, Annie Laurie	Lewisburg	Night Class
White, Bennett Sexton, Jr.	Morgantown	Jun., A. B.
White, Carl Blower, Jr.	Clarksburg	Fr., A. B.
White, De Witt	Morgantown	Fr., A. B.
White, Dorothy Jo.	Shepherdstown	Jun., B. S. Ed.
White, Dorothy Stone	Morgantown	Grad., A. & S.
White, Ethel Dora	Weirton	Soph., A. B.
White, Eugene Remembrance	Grafton	Grad., A. & S.
White, Harold Benson	Moundsville	Fr., A. B.
White, Homer Joyent	Wellsburg	Soph., A. B.
White, James Wilson	Wheeling	Fr., A. B.
White, Lucretia Josephine	Elkins	Sen., B. S. H. E.
White, Orville D.	Point Pleasant	Grad., Agr.
White, Susan Montgomery	Kingwood	Grad., A. & S.
White, Tressa Mae	Morgantown	Summer School
White, William Mc Rae	Raleigh	Fr., B. S .E. M.
Whitehair, George Washington	Bridgeport	Sen., B. S. Ed.
Whiteley, Joe McCullough	Connellsville, Pa.	Fr., A. B.
Whiteman, Mary Atkins	Morgantown	Night Class
Whitener, Auther Allison	Morgantown	Music
Whitener, Evert Fillmore	Morgantown	Grad., A. & S.
Whiting, Maysel S.	Spencer	Soph., A. B.
Whitlock, John William	MacAlpine	Jun., A. B.
Whitman, Ernest Bruce	Thomas	Grad., A. & S.
Whitman, Vern Olive	Verdunville	Sen., B. S. E. E.
Whitten, Clara Dwight	Morgantown	Summer School
Whoolery, Kenneth	Fairmont	Spec., A. & S.
Wiant, Eva	Lost Creek	Jun., A. B.
Wiant, Nina	Lost Creek	Jun., B. S. H. E.
Wiant, Ruth	Lost Creek	Soph., A. B.
Wichterman, Paul Herbert	Elm Grove	Fr., A. B.
Wickham, David Wallace	Wheeling	Fr., B. S. E. E.
Wickline, Perry Dawson	Zenith	Soph., B. S. Agr.

Wiedebusch, Martha Virginia	Morgantown	Soph., B. S. H. E.
Wiesner, Henry, Jr.	Wheeling	Fr., B. S. C. E.
Wikle, Arthur Edwin	Spanishburg	Grad., Ed.
Wilbourn, Virginia Ripley	Clarksburg	Jun., A. B.
Wilcox, Thelma Marie	Clarksburg	Music
Wildstein, Louis	Newark, N. J.	1st Yr. Law
Wildt, Christy Vincent, Jr.	Parkersburg	Jun., A. B.
Wiles, George Rogers Clark	Charleston	1st Yr. Med.
Wiles, Isaiah Alonzo	Morgantown	Jun., A. B.
Wiley, Andrew Valentine	Clarksburg	Sen., A. B.
Wiley, Marie Annette	Charleston	Soph., A. B.
Wiley, Virginia Elizabeth	Charleston	Sen., A. B.
Wiley, Winona Kathryn	Keyser	Jun., B. S. Ed.
Wilhelm, Millicent Mary	Blaine	Sen., A. B.
Wilkins, Inez	Independence	Summer School
Wilkinson, Cordie Myrle	Shinnston	Sen., A. B.
Wilkinson, Renick Eugene	Morgantown	Sen., A. B.
Williams, Alma Lucile	Beckley	*Fr., A. B.
Williams, Benjamin Leo	Charleston	Jun., B. S. E. E.
Williams, Beuna Madge	Bridgeport	Grad., Ed.
Williams, Carl Quentin	Morgantown	Grad., Agr.
Williams, Edward James	Chester	Soph., B. S. E. E.
Williams, Frank James	Charleston	Fr., A. B.
Williams, Helen Elizabeth	Beckley	Soph., B. S. Phys. Ed.
Williams, John Russell	Uniontown, Pa.	Sen., A. B.
Williams, Leah Mae	Fairmont	Fr., A. B.
Williams, Marion Catherine	Morgantown	Sen., A. B.
Williams, Mary Elizabeth	Wheeling	Jun., A. B.
Williams, Mary Margaret	Morgantown	Music
Williams, Roy Edward	East Bank	Soph., A. B.
Williams, Thomas Lawrence	Fairmont	Summer School
Williamson, Estheleene	Wheeling	Sen., A. B.
Williamson, Samuel Greenberry	Princeton	Grad., A. & S.
Willis, Mary Virginia	Bluefield	Soph., A. B.
Willis, Sarah Katherine	Shenandoah Junction	Sen., A. B.
Wilmouth, Charles Edward	Grafton	Jun., A. B.
Wilmoth, Stark Amasa	Montrose	Sen., B. S. Ed.
Wilson, Edith Louise	Davis	Jun., A. B.
Wilson, Eleanor West	Marlinton	Fr., A. B.
Wilson, George Darwin	Wellsburg	Soph., A. B.
Wilson, Gladys Virginia	Morgantown	Fr., A. B.
Wilson, Gorda Lee	Parkersburg	Grad., Ed.
Wilson, James Clifton	Morgantown	Sen., A. B.
Wilson, James Edward, Jr.	Clarksburg	Sen., A. B.
Wilson, John Frampton	Clarksburg	Soph., B. S. Ch. E.
Wilson, John Stewart	Morgantown	2nd Yr. Med.
Wilson, Katharine Hay	Washington, D. C.	Soph., A. B.
Wilson, Marie Antoinette	Clarksburg	Fr., A. B.
Wilson, Miriam Hazel	Clarksburg	Fr., A. B.
Wilson, Neal Blackwood	Huntington	Jun., A. B.
Wilson, Pearl Gladys	Morgantown	Grad., A. & S.
Wilson, Ruby Juanita	Morgantown	Jun., A. B.
Wilson, Valda Belle	Fairmont	Soph., A. B.
Wilt, Margaret Edith	Aurora	Sen., B. S. H. E.
Wiltse, Charles Maurice	Charleston	Sen., A. B.
Wimer, Dorothy Snyder	Masontown	Grad., Ed.
Winchell, Ruelma May	Lanark	*Fr., A. B.
Winfield, James McKee	Clarksburg	Fr., A. B.

Winfield, William Hood	Clarksburg	Sen., A. B.
Winger, Leland Henry	Shinnston	*Fr., B. S. E. E.
Winter, James Edwin	Morgantown	Sen., B. S. E. E.
Winter, Rupert Edward	Shinnston	Grad., Agr.
Winters, Mary Beulah	Elm Grove	Grad., A. & S.
Winton, Alma Mae	Fredericktown, Pa.	Grad., Ed.
Wise, Charles Chilton, Jr.	Moorefield	Fr., A. B.
Wise, Charles T.	Fairmont	Fr., A. B.
Wiseman, Edmund Lee	Clarksburg	Soph., B. S. C. E.
Wiseman, Marjorie Thornton Worrell	Fayetteville	Sen., A. B.
Wiseman, Marrs	Fayetteville	2nd Yr. Law
Withers, Carter Barnes	Parkersburg	Jun., B. S. E. E.
Withers, Ruth Myron	Grafton	Jun., B. S. H. E.
Witry, Henry John	Nitro	Fr., B. S. M. E.
Witten, Mary Buster	Princeton	Sen., B. S. Ed.
Wittenberg, Adalbert Robert, Jr.	Huntington	3rd Yr. Law
Wohinc, Karl	Weston	Sen., A. B.
Wolfe, Blanche Rankin	Kingwood	Soph., A. B.
Wolfe, Charles Tregellas	Grafton	Soph., A. B.
Wolfe, Earl Stimpson, Jr.	Parkersburg	Sen., A. B.
Wolfe, Helen Fairfax	Kingwood	Soph., B. S. H. E.
Wolfe, John Easter	Lost Creek	Grad., Ed.
Wolfe, Slidell Brown	Kingwood	Jun., B. S. E. E.
Wolfe, Tranise Bernadine	Morgantown	Fr., A. B.
Wolford, Jason	Dry Fork	Grad., Ed.
Wolford, Mary Alice	Keyser	Summer School
Wolverton, Phyllis Mae	Morgantown	Fr., A. B.
Wolverton, Ruth Maxine	Elkins	Fr. A. B.
Wood, Charles Adolphus, Jr.	Charleston	2nd Yr. Law
Wood, Kenneth	Syracuse, N. Y.	Spec., A. & S.
Wood, Mary Wintringer	Morgantown	Spec., Phys. Ed.
Wooddell, Gordon Miller	Webster Springs	Sen., A. B.
Wooddell, Maurice	Webster Springs	Fr., B. S. E. E.
Woodford, Clarence Howe	Clarksburg	Grad., Ed.
Woodford, Edward Blanchard	Philippi	Grad., A. & S.
Woodford, Thomas Larry	Philippi	1st Yr. Med.
Woodhull, Frances Marie	Morgantown	Summer School
Woodhull, Mary Louise	Morgantown	Music
Woodhull, Robert Berkshire	Morgantown	Fr., A. B.
Woodrum, Lester Romeo	Charleston	Fr., B. S. Ch. E.
Woods, Martha May	Wheeling	Jun., A. B.
Woods, Phala	Beaver	Grad., A. & S.
Woofter, Eliza Mae	Camden	Jun., B. S. H. E.
Woolcock, Raymond	Logan	Jun., B. S. Ch. E.
Wotring, Earnest Howard	Morgantown	Soph., B. S. Agr.
Wotring, Herman Wilson	Morgantown	Fr., B. S. Ch. E.
Wotring, Leola Catherine	Morgantown	Sen., B. S. Ed.
Wotring, Naomi Elsie	Morgantown	Jun., B. S. Ed.
Wotring, Richard Milburn	Terra Alta	Jun., A. B.
Wray, Everett Bassett	Glen White	Soph., A. B.
Woodward, Reginald Vaughn	Elkins	Grad., A. & S.
Wright, Berl William	Burnt House	Jun., A. B.
Wright, Glenn Merrill	Morgantown	Grad., Agr.
Wright, Hilma Marie	Morgantown	Fr., A. B.
Wyckoff, Everett Bailey	Grafton	3rd Yr. Law
Yancey, Susan Mitchell	Charleston	Jun., A. B.
Yeater, Teddy Ray	Springton	Grad., Ed.
Yoak, Doyle Jerrold	Morgantown	Summer Schoo

Yocke, Lillian Emaline	Wheeling	Soph., A. B.
Yoho, Perc Morgan	New Martinsville	Soph., A. B.
Yoke, Helen Lenhart	Morgantown	Grad., Ed.
Yorke, Evelyn Hughes	Morgantown	Spec., Phys. Ed.
Young, Charles Melvin	Morgantown	Soph., A. B.
Young, Clarence M.	Morgantown	Grad., Ed.
Young, Chesney	Charleston	Soph., A. B.
Young, Grethel Goldie	Morgantown	Soph., A. B.
Young, Ira Samuel	Morgantown	Sen., B. S. Ch. E.
Young, Joe Lamar	McMechen	Grad., A. & S.
Young, Lloyd Huffman	Lost Creek	2nd Yr. Law
Young, Mary Elizabeth	Clendenin	Soph., A. B.
Young, Otis Stribling	Apple Grove	Sen., A. B.
Young, Willabelle Swiger	Morgantown	Fr., A. B.
Yurko, Anthony Andrew	Hollidays Cove	2nd Yr. Med.
Zalzneck, Milton Robert	Corry, Pa.	*Fr., A. B.
Zando, Sixtus	Williamson	Jun., A. B.
Zearley, Esther Elizabeth	Morgantown	Fr., B. S. Phys. Ed.
Zearley, Joy	Point Marion, Pa.	Grad., Ed.
Zeigler, Robert B.	Clarksburg	1st Yr. Law
Zeiler, Melissa	Vivian	*Fr., A. B.
Zevely, John Grant	Morgantown	3rd Yr. Law
Ziegler, Mary	Clarksburg	Grad., A. & S.
Zimmerman, Carrie	McMechen	Summer School
Zimmerman, John Harvey	Clarksburg	Soph., A. B.
Zinn, Eunice Spencer	Reedsville	Summer School
Zinn, Sylvia Ruth	Morgantown	Fr., A. B.
Zinn, Theodore Smith	Reedsville	Fr., A. B.
Zinn, Virginia Lucille	Morgantown	Music
Zirbs, Charles Joseph	Elkins	Fr., A. B.
Zirkle, Ola Mada	Philippi	Jun., B. S. H. E.
Zoeckler, Charles William	Wheeling	2nd Yr. Law
Zucchero, Peter Joseph	Morgantown	Grad., A. & S.
Zuspan, Carl Harold	Worthington	Summer School
Zwick, Marie Elizabeth	Fredericktown, Pa.	Soph., A. B.

SUMMARY OF UNIVERSITY ENROLLMENT FOR 1929-1930

I. Enrolled as Candidates for Degrees.

	Graduate			Senior			Junior			Sophomore			Freshman			Total			Special			Grand Total		
	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total
Arts and Sciences	97	114	211	140	142	282	186	146	332	263	148	411	304	178	482	990	728	1718	14	52	66	1004	780	1784
Engineering	5	0	5	68	0	68	73	0	73	106	0	106	109	0	109	361	0	361	0	0	0	361	0	361
Agriculture	63	0	63	27	32	59	22	33	55	34	36	70	50	34	84	196	135	331	0	1	1	196	136	332
Law				44	2	46	53	1	54	67	3	70	0	0	0	164	6	170	1	0	1	165	6	171
Medicine				41	2	43	66	1	67	0	0	0	0	0	0	107	3	110	0	0	0	107	3	110
Pharmacy				5	0	5	5	0	5	4	3	7	19	0	19	33	3	36	2	1	3	35	4	39
Education	113	55	168	25	37	62	11	56	67	0	0	0	0	0	0	149	148	297	3	2	5	152	150	302
Physical Educ.				0	1	1	4	6	10	9	9	18	30	13	43	43	29	72	0	29	29	43	58	101
Totals	278	169	447	350	216	566	420	243	663	483	199	682	512	225	737	2043	1052	3095	20	85	105	2063	1137	3200

II. Enrolled in Other Departments at Morgantown:			
The School of Music	19	105	124
The Summer School (not counted elsewhere)	75	155	230
The Summer School of Mining	71	0	71
Short Courses in Engineering	125	0	125
Farmers' Week	528	296	824
Total	818	556	1374
Total Enrollment at Morgantown	2881	1693	4574
III. Enrolled in Extension Courses:			
In Industrial Education	118	0	118
In Mining Extension	1186	0	1186
Total	1304	0	1304
Grand Total	4185	1693	5878
Enrolled from Other States and Countries			458
Total Enrollment in the Summer School	694	689	1383

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